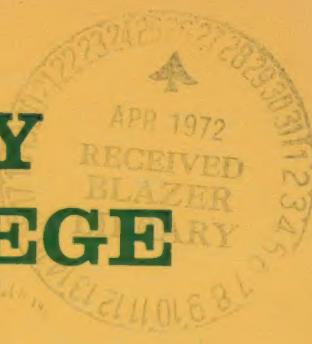


KENTUCKY STATE COLLEGE

Bulletin



1970-1972
CATALOGUE EDITION

FRANKFORT, KENTUCKY

Vol. 13

THE BULLETIN

No. 3

Important for Prospective Students

- 1. Have high school transcripts as well as credits earned at other colleges forwarded to the Registrar.
- 2. Make room reservation early.
- 3. Enter on time.
- 4. Be sure to take ACT test.

SIXTY-FOURTH
CATALOGUE EDITION

Kentucky State College

How to Address Correspondence

- For information concerning room, write:
Dean of Students.
- For inquiries concerning transcripts, admissions, courses of study, bulletins, etc., write:
Office of the Registrar.
- For information concerning student employment, write:
Director of Financial Aid.
- For information concerning scholarships and loans write:
Director of Financial Aid.

FRANKFORT



Announcements for

1970-71
1971-72

YEARLY CALENDAR

1970

SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
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1971

JANUARY							FEBRUARY							MARCH							APRIL							
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SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER							
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31	

1972

JANUARY							FEBRUARY							MARCH							APRIL							
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MAY							JUNE							JULY							AUGUST							
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30	31	30

THE COLLEGE CALENDAR

FIRST SEMESTER

1970-71

1970

September 4-5 Faculty-Staff Conference.

September 6-12 Freshman-Orientation Week.

September 7 Monday—Labor Day—Academic holiday.

September 8 Tuesday—Rosenwald School opens.

September 10 Thursday — 8:00 A.M.-4:30 P.M. — Registration for freshmen, Bell Health and Physical Education Building. After 4:30 P.M., students who are accepted for registration must pay a late registration fee.

September 11 Friday—8:00 A.M.-4:30 P.M.—Registration for sophomores, juniors, and seniors, Bell Health and Physical Education Building. After 4:30 P.M., students who are accepted for registration must pay a late registration fee.

September 14 Monday—Instruction begins—8:00 A.M.

September 17 Thursday—Last day of registration for credit, 12:00 noon.

October 2 Friday—Last day one may drop a course without a grade.

October 11 Sunday—Founder's Day.

November 7 Saturday—T. E. E. P. Examination—Graduating Seniors.

November 4-5 Wednesday and Thursday—Mid-semester examinations.

November 25 Wednesday — Thanksgiving Holiday begins, 12:00 noon.

November 30 Monday—Classes resumed, 8:00 A.M.

December 14-18 Monday, through Friday — Pre-registration Second Semester.

December 18 Friday—Christmas Holiday begins, 12:00 noon.

1971

January 4 Monday—Classes resumed, 8:00 A.M.

January 14-15 Thursday, Friday, Monday, Tuesday, Wednesday, Thursday—Final examinations for all students.

18-21

January 21 First Semester ends.

SECOND SEMESTER

1970-71

January 27

Wednesday—8:00 A.M.-4:00 P.M.—Registration for all freshmen, Bell Health and Physical Education Building. After 4:00 P.M., freshmen students who are accepted for registration must pay a late registration fee.

January 28

Thursday—8:00 A.M.-4:00 P.M.—Registration for all sophomores, juniors, and seniors. After 4:00 P.M., all students accepted for registration must pay a late registration fee.

January 29

Friday—Instruction begins, 8:00 A.M.

February 4

Thursday—Last day of registration for credit, 12:00 noon.

February 18

Thursday—Last day one may drop a course without a grade.

March 20

Saturday—T. E. E. P. Examination—Graduating Seniors.

March 24-25

Wednesday and Thursday—Mid-semester examinations.

April 1

Thursday—Easter Recess begins, 5:00 P.M.

April 12

Monday—Classes resumed, 8:00 A.M.

April 13

Monday—Last day seniors may file application for degree.

May 21, 24

Friday and Monday—Final examination for graduating seniors.

May 21, 24-28

Friday, Monday through Friday—Final examinations for all students except graduating Seniors.

May 28

Friday—Rosenwald School closes.

May 29

Saturday—Senior Class Day.

May 29

Saturday—Alumni Day.

May 29

Saturday—President's Reception to Seniors, Parents and Alumni, 6:00 P.M.-8:00 P.M.

May 30

Sunday—Commencement Convocation, 10:00 P.M.

SUMMER SCHOOL

June 7-July 30

1971

CALENDAR 1971-72

First Semester 1971-72

August 23 Monday—Rosenwald School begins.
August 24, 25 Tuesday, Wednesday—Fall Registration.
August 26 Thursday—Classes begin.
September 1 Wednesday—Last day to register for credit.
September 6 Monday—Labor Day—Academic Holiday.
September 15 Wednesday—Last day to drop a course without a grade.
October 11 Monday—Founder's Day.
October 20, 21 Wednesday, Thursday—Mid-Semester Examinations.
November 6 Saturday—T.E.E.P. Examinations—Graduating Seniors.
November 25-28 Thursday-Sunday—Thanksgiving Holidays.
November 29 Monday—Classes resumed.
December 6-10 Monday-Friday—Pre-Registration for Second Semester.
December 10-17 Friday-Friday—Final Examinations for all students.
December 17 Friday—Fall Semester ends.
December 20 Monday—All grades due in Registrar's Office.

Second Semester 1971-72

January 10, 11 Monday, Tuesday—Second Semester Registration.
January 12 Wednesday—Classes begin.
January 18 Tuesday—Last day to register for credit.
February 1 Tuesday—Last day to drop a course without a grade.
March 8, 9 Wednesday, Thursday—Mid-Semester examinations.
March 11 Saturday—T. E. E. P. Examinations for Graduating Seniors.
March 30-April 9 Thursday-Sunday—Easter vacation.
April 10 Monday—Classes resumed.
April 11 Tuesday—Last day Seniors may file applications for degrees.
May 5, 8 Friday, Monday—Senior Examinations.
May 5-12 Friday-Friday—Final Examinations for all students except graduating seniors.
May 13 Friday—Rosenwald School Closes.
May 14 Saturday—Senior Class Day.

May 14

Saturday—Alumni Day.

May 14

Saturday—Presidents Reception for Seniors (6-8 P.M.).

May 15

Sunday—Commencement Convocation 10:00 A.M.

Summer Session 1972

June 5 Monday—Summer School Registration.
July 4 Tuesday—Independence Day Holiday.
July 27, 28 Thursday, Friday—Final Examination.
July 28 Friday—Summer School closes.

FALL SEMESTER REGISTRATION (1972)

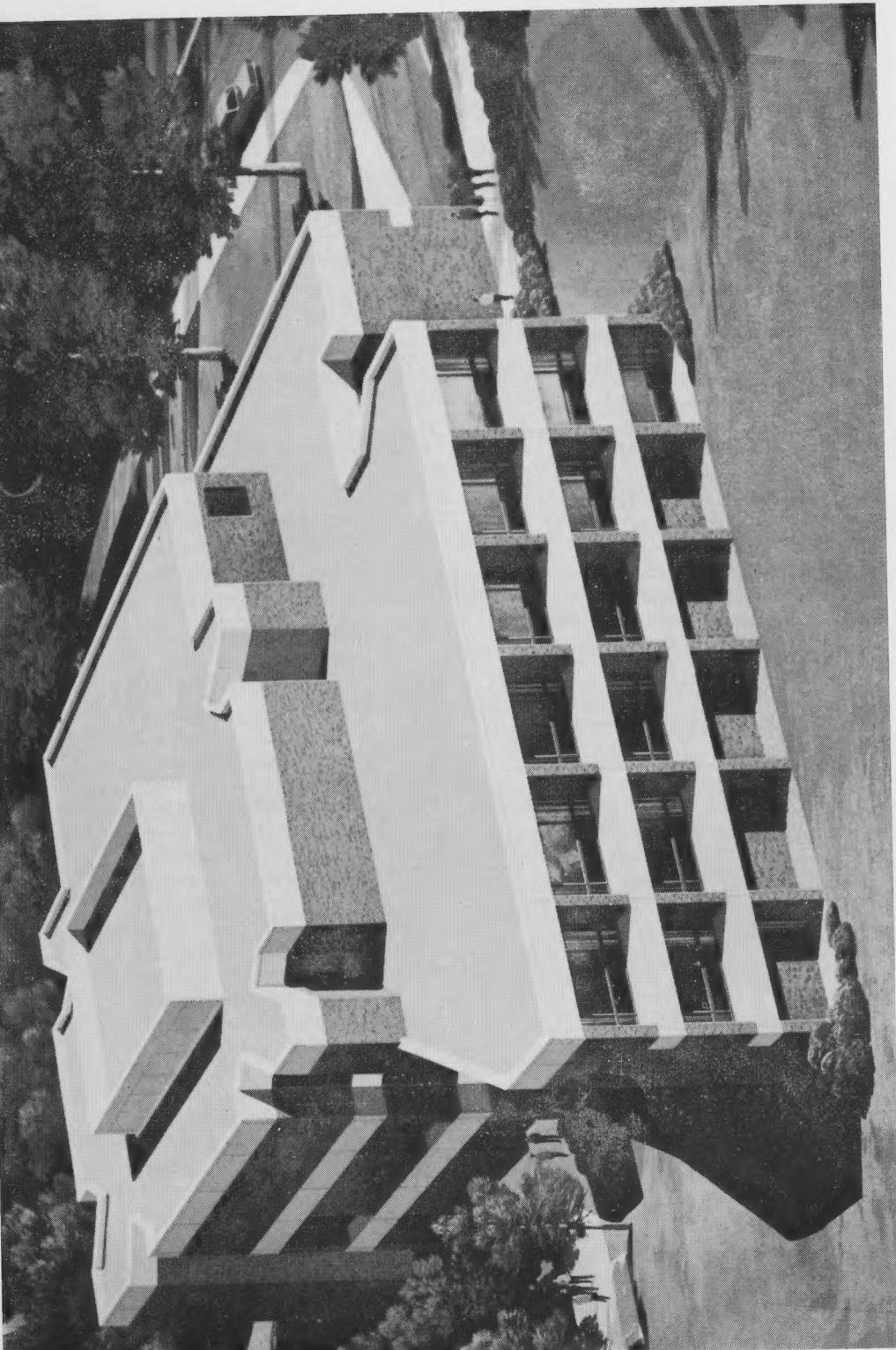
August 22, 23

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THE NEW STUDENT UNION BUILDING (Under Construction)

ORGANIZATION, SUPPORT, AND ACCREDITATION

INTRODUCTION

Kentucky State College is a coeducational, four-year college located on a gently-rolling hill just inside the city limits of Frankfort, Kentucky, *the Capital of Kentucky*.

The campus is highlighted by Bradford Hall, New Classroom Building and numerous other buildings. These structures spread out from the main administration building, Hume Hall.

Frankfort, the capital of Kentucky, is a rapidly growing community of approximately 30,000 inhabitants. A major portion of the state's governmental, economic and industrial business is handled here. Frankfort is centrally located near several metropolitan areas. Lexington and Louisville, Kentucky, and Cincinnati, Ohio, are all within close proximity.

Many areas of historic and scenic interest are near the Kentucky State College campus. The most outstanding of these attractions is the grave of Daniel Boone, located in the Frankfort cemetery on a bluff overlooking the Kentucky River.

HISTORY OF THE COLLEGE

Kentucky State College was founded as result of an act passed by the General Assembly of Kentucky in 1886, providing for the establishment of a State Normal School for Colored Persons, as the institution was then named. This action had the approval of Governor J. Proctor Knott who signed the act on May 18, 1886. The people of Frankfort were keenly interested in having the institution located in their city and through their City Council a site and \$1,500.00 were donated toward that end.

In the next year, 1887, Jackson Hall, the oldest building on the campus, was erected on the site given by the Frankfort City Council. John H. Jackson, A.M., from Berea College, was elected as first president. The school opened its doors on October 11, 1887, with three teachers and fifty-five students enrolled during the first school year.

The consistent growth and development of the institution throughout its history have been marked by the following events:

In 1890 were added the departments of Home Economics, Agriculture and Mechanics. In the spring of that year the school turned out its first graduates, a class of five. In 1893 a high school was organized. This expansion continued in the twentieth century, both in name and program. In 1902 the name was changed to Kentucky Normal and Industrial Institute for Colored Persons,

and the president was made an ex-officio member of the Board of Trustees. In 1908 a Practice School was organized. The next year Hume Hall and Hathaway Hall were erected. In 1911 the school had its first Summer School. In 1921, through a gift from Mr. Julius Rosenwald, a new brick school was erected for Practice Teaching. In 1926 the name of the school was again changed to Kentucky Industrial College for Colored Persons and provisions made in the statutes that the President be elected for a term of four years. In 1938 the name was changed to Kentucky State College for Negroes. In 1952 the term "for Negroes" was dropped from the title of the institution and the General Assembly made the College an independent institution under its own Board of Regents.

The College has been under the direction of seven presidents:

John H. Jackson, 1887-1898, 1907-1910; James E. Givens, 1898-1900; James S. Hathaway, 1900-1907, 1910-1912; G. P. Russell, 1912-1923, 1924-29; F. M. Wood, 1923-1924; R. B. Atwood, 1929-62; and Carl M. Hill, 1962—.

Today, Kentucky State College has a well qualified faculty, an enriched academic program and a student body of approximately 1700.

SOURCE OF SUPPORT

The major source of support for the operation of Kentucky State College is from appropriations by the Kentucky General Assembly. Some support is provided by student fees and the Federal Government.

MEMBERSHIP AND ACCREDITMENT

Kentucky State College is a member of:

Kentucky Association of Colleges, Secondary and Elementary Schools.

American Association of Colleges for Teacher Education

American Association of Land Grant Colleges and State Universities

Southern Association of Colleges and Schools

Accreditation is extended to the College by:

National Council for Accreditation of Teacher Education

Kentucky State Department of Education

Credits attained at the College are accepted by other accredited institutions as transfer credit and for graduate study, professional placement, and employment.

II. GENERAL INFORMATION

FUNCTION

The aims of Kentucky State College are to encourage the attainment of excellence in scholarship; the acquisition of special skills in the arts, sciences, and vocations; and the development of a sense of obligation to contribute to the intellectual, cultural, spiritual, and economic growth of the community.

In achieving these ends, the College seeks to prepare its students to think critically; to express themselves creatively; to make independent and rational judgments; and to practice adherence to standards of moral rectitude.

The aims of the College, consistent with the above philosophy, are to provide students: (1) a foundation for graduate and professional studies; (2) preparation for elementary and secondary teaching, for positions in vocational and technical home economics, and for clerical, secretarial, technical and managerial positions in business and commerce; and (3) vocational-technical preparation on a two-year level.

To achieve these aims, the College offers curricula in three areas: (1) regular four-year liberal arts program, (2) two-year community-college program, and (3) late afternoon-evening program.

LOCATION

Kentucky State College is located in Frankfort, on a beautiful hill overlooking the city. Its campus consists of 26 buildings and about 220 acres of rolling land, covered with blue grass and beautifully studded with evergreen and deciduous shade trees.

U. S. Highway No. 60 passes between the main campus and south campus, consisting of dormitories, the athletic complex and Industrial Arts Building. Entrances to both areas are located on this thoroughfare.

Interstate 64 is located approximately two miles from the Campus. Interstate 75 is about 16 miles east of the College.

GOVERNMENT AND DISCIPLINE

The general direction of the College's affairs is in the hands of the President, the Dean of Instruction, and the Faculty of the College, with special problems being brought before the Executive Council. The Dean of Students coordinates all student personnel activities. Conduct problems of a serious nature are referred to the Committee on Student Personnel, subject to review by the Executive Council.

The Student Council was organized in May, 1935. Its purpose is to cooperate with the administration in maintaining a high plane of student morale and discipline. It is through the Student Council that students are involved in the decisions that are made concerning the College.

FINANCIAL ASSISTANCE TO STUDENTS

The expenses connected with attending Kentucky State College are intentionally kept as reasonable as possible, and compare quite favorably with those connected with attending any institution of equal rank and prestige. Kindly refer to the list of expenses printed elsewhere in this section of the catalogue.

Parents are encouraged to arrange to pay expenses in full so students will not have to take up study time in earning their way through school. College studies are difficult and students need much time for study and for the wholesome extra-curricular activities. A work-job may take up time that the student needs for study.

Even though expenses are kept very reasonable, the college maintains a program of financial assistance for those who could not otherwise attend. The primary administration of this program is in the hands of a faculty committee on scholarships and part-time student employment. Any student, therefore, seeking aid must file proper application for financial aid and/or employment in addition to the application for admission to the College.

Application for Financial Aid

Applications for financial aid may be secured from the Director of Financial Aid. The following procedure must be followed in order to secure financial aid:

1. Receive application for financial aid and Parents Confidential Statement form from the Director of Financial Aid.
2. Complete and return the application to the Director of Financial Aid. Note: Applications must be filed no later than July 1 for proper consideration for assistance for the following September. Students who have been assisted previously must re-apply each year by July 1.
3. The Parents Confidential Statement must be filed with the proper regional office before applicants can be awarded federally assisted financial aid. This should be done in February or March.
4. Applications for financial aid must be filed each year.

COMMON QUESTIONS AND ANSWERS IN FINANCIAL AID

What type of assistance am I eligible for?

Answer: No determination of eligibility is possible until a Parent's Confidential Statement and an Application are received in the Financial Aid Office.

What type of assistance should I apply for?

Answer: The Application is designed to be used for all types of aid. If you are not sure, answer all questions and you will be considered for all types. If you have a preference for one type of aid, then attach a letter explaining which type you are most interested in receiving. If you are not eligible for your preference, we will consider awarding other types.

When should I apply?

Answer: Complete your Parent's Confidential Statement in January, February or March. Send your Application to the Financial Aid Office at the same time the Parent's Confidential Statement is mailed to the College Scholarship Service. Most of our money is committed prior to July 1st of each year.

Why must a parent's confidential statement (PCS) be completed?

Answer: The PCS is our primary way of determining which students receive assistance. Since most of our money comes from the Federal Government, we must be very careful to show that the student actually needs the assistance.

Is a PCS needed for all types of assistance?

Answer: No. You may receive a Music, Athletic, Home Economics, or Academic Scholarship without submitting a PCS. However, without the PCS you can not be considered for a loan, grant, or work assignment. If you submit the Form, it will be on file if a need should arise for additional funds during the academic year.

Will I be penalized if my parents refuse to complete the PCS?

Answer: Yes. Although we attempt to help students with this problem, it is often impossible to award as much money without the PCS. If this problem arises, you should immediately contact the Financial Aid Office.

Do resident students receive preference for financial aid awards?

Answer: No. We compare the money you should have available to *your* cost of attending this College. Since the cost is greater for non-resident students, the award often may be larger.

Can I receive financial aid from sources outside the College?

Answer: Yes. The Federally Insured Loan Program is operative in most states. Check with your parent's bank to see if it participates in the program. Many states also have scholarship programs. If you have other questions regarding outside sources write to the Financial Aid Office and we will attempt to provide the requested information.

If additional information is needed you may write to:

**STUDENT FINANCIAL AID OFFICE
KENTUCKY STATE COLLEGE
FRANKFORT, KENTUCKY 40601**



City Work—A number of students are able to secure work in homes, boarding houses, restaurants, businesses, and other places in the city. Students desiring this type of employment will be assisted by the College in securing it where possible.

Scholarships

Kentucky State College Scholarships—The purpose of these scholarships is to assist high ability students to continue their education at Kentucky State College. Freshmen and upper classmen are eligible to apply for these scholarships.

Sears, Roebuck and Company Scholarships—Sears, Roebuck and Company has made available several scholarships to students who desire to study Home Economics.

Kroger Company Scholarships—The Kroger Company has made available scholarships to students who desire to study Home Economics.

Mabel C. Atwood Scholarship—Established in 1967 by Mrs. Mabel C. Atwood, former member of the Piano Faculty and the wife of President Emeritus Rufus B. Atwood. The scholarship is awarded annually to an outstanding piano major in the Department of Music at Kentucky State College.

Educational Opportunity Grants are available under Title IV of the Higher Education Act of 1965. The grants are to assist in making available the benefits of higher education to qualified high school graduates of exceptional financial need who would be unable to obtain the benefits of higher education without such aid. These grants are available to all classifications of students who can qualify.

Grants-in-aid

Kentucky State College offers each year a number of Workshops to students who possess special abilities, talents, and performance competencies in music and athletic sports. Students who qualify in these areas should write to the appropriate committee or coach at Kentucky State College.

Loans

The Kentucky State College Student Loan Fund

In March 1950, the State Board of Education established the Kentucky State College Student Loan Fund and used a gift from Mr. Paul G. Blazer of Ashland, Kentucky, as the first deposit therein. Eligible students are granted short-term loans from this Fund. Applications for loans from this Fund should be made to the Committee on Scholarships and Loans.

Kentucky State College National Defense Student Loan Fund

Kentucky State College participates in the National Defense Student Loan Program which was established by the National Defense Education Act of 1958. This program seeks to give assurance that no student of ability will be denied an opportunity of higher education because of financial need.

BUILDINGS AND FACILITIES

ACADEMIC AND ADMINISTRATIVE BUILDINGS

HUME HALL is the center of the college administrative offices. The building was erected in 1909. The building was totally renovated in 1964 and 1969. The first floor of the two-story building provides office space for the primary administrative officers; the second floor houses the following administrative offices: Student Personnel, College Placement, Financial Aid, Director of Development, Director of Public Relations, and Student Counseling Center. **PAUL G. BLAZER LIBRARY** is the heart of the college. It provides an atmosphere suitable for study and encourages recreational reading for both students and faculty. It has a book stack area to accommodate 60,000 volumes, a conference room, a staff lounge, curriculum library, and other facilities for students and staff.

The Addition to Paul G. Blazer Library, was completed in the Spring of 1968. It more than doubled the library floor space, and provided book shelves to house more than 125,000 volumes. The completely air-conditioned addition contains in addition to book stack space, individual study carrels book processing rooms, library staff offices, conference rooms and the main circulation counter.

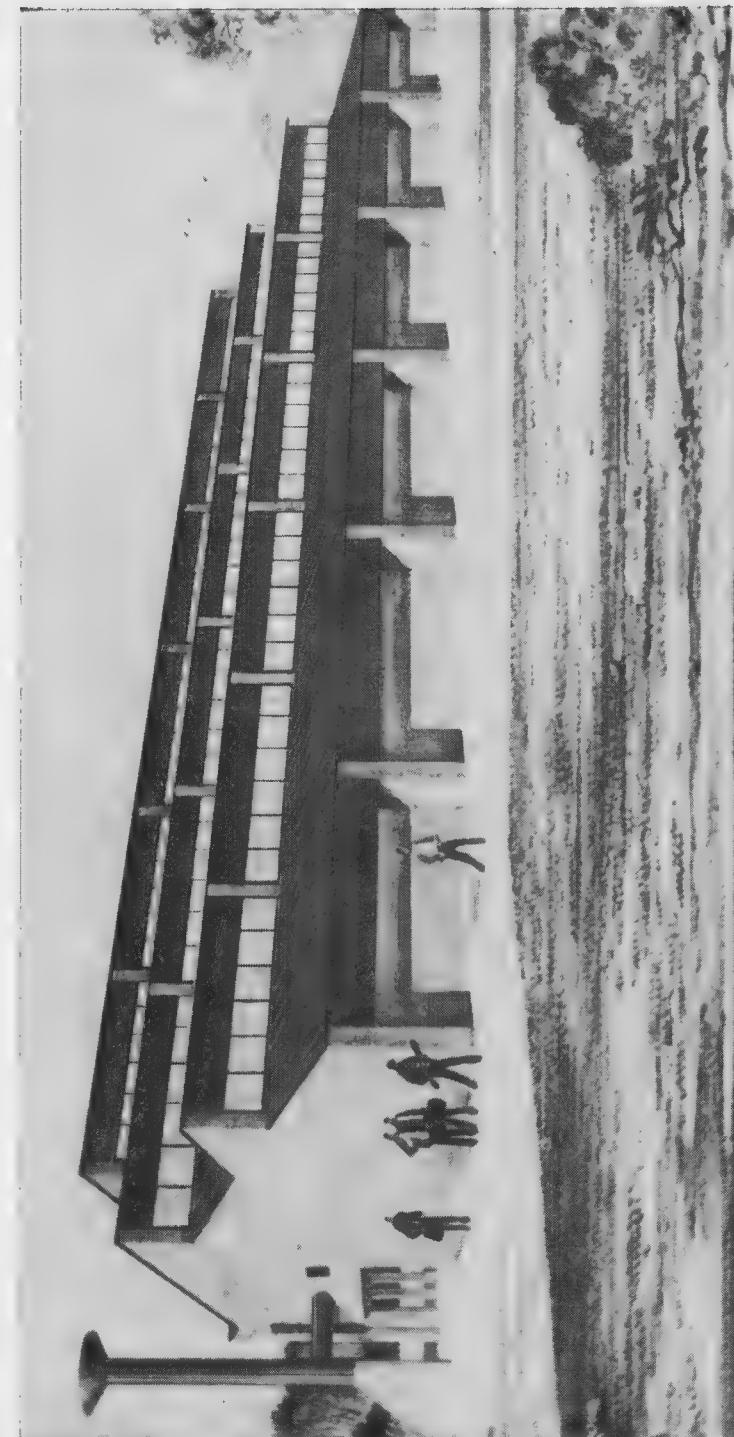
JACKSON HALL is a two-story brick building of the German Castle style, erected in 1887. It was the first building erected at the institution. This building is the future home of the proposed museum.

GEORGE WASHINGTON CARVER HALL is a science class room building dedicated in 1952. It provides classrooms, a lecture auditorium, modernly equipped laboratories for instruction and research in biology, chemistry, mathematics, and physics, faculty offices, and offices for department heads.

The Annex to George Washington Carver Hall was completed in the Spring of 1968. The building is connected to the George Washington Carver Hall's main structure by an enclosed passageway. The three-story building is completely air-conditioned. It contains faculty offices, faculty research laboratories and instructional laboratories for the Department of Chemistry; a small animal room, faculty offices and faculty research laboratories for the Department of Biology; office space for the Physics faculty; and data processing facilities.

The former George Washington Carver Hall Structure was renovated, and houses the Departments of Biology and Mathematics. The renovation was completed in the Fall of 1968.

BRADFORD HALL is a modern structure, completed in 1965, that houses the Department of Business-Economics, the Department of



THE NEW INDUSTRIAL ART BUILDING (Under Construction)

Music, and the dramatic arts. The upper level is occupied by a small theatre, main auditorium, dramatics room, offices, conference room, general purpose classrooms, laboratories and a machine room for business instruction. The lower level contains the facilities of the music department. Included are classrooms, studio practice rooms, and offices. The building will be the center of many cultural and educational activities. The building is named after the late Dean of the College.

BELL HEALTH AND PHYSICAL EDUCATION BUILDING was erected in 1962. The primary function of this building is for instruction in health and physical education. There are 33,000 square feet of floor area, affording space for two classrooms, a large game floor, a swimming pool, two team rooms, a concession stand, offices for teachers and other facilities.

ROSENWALD ELEMENTARY LABORATORY SCHOOL, erected in 1954, is a one-story brick and tile structure. This building is equipped to provide supervised instruction in elementary education. It contains three classrooms, a library, an art room, an office for teachers and a cafeteria.

NEW CLASSROOM BUILDING was constructed in 1967. This ultra-modern building houses the Departments of English, Education-Psychology, History and Political Science, Home Economics, Romance Languages and Sociology; Art, Nursing Education, and the Career Planning and Placement Program. The five-story building is completely air-conditioned, and contains classrooms, instructional laboratories, a large lecture hall, faculty and student lounges, faculty offices and art studios.

INDUSTRIAL ARTS BUILDING is scheduled to be completed by June, 1970. This new facility will house two programs, the four-year teacher training Industrial Arts program and three two-year technology programs with Associate Degree offerings. The lower floor will house two metal shops, a woodworking shop, a crafts room, two classrooms, five offices and necessary utility and storage rooms. The upper floor will house two drafting rooms, two laboratories for power mechanics and electronics, necessary storage rooms, and a mechanical room. All areas of the building will be air-conditioned except the shops, corridors, storage, and mechanical rooms. There will be forced air-circulation and exhaust systems for the shops. Elevator accommodation will be provided for anticipated training for the physically handicapped.

SERVICE BUILDINGS

THE UNDERWOOD STUDENT UNION BUILDING is the center of student life at the college. It was erected in 1939 as the dining room for the college and was converted to its present use in 1958.

It contains the office of the Dean of Students, space for the Student Council and student publications, a bookstore, a snack bar, recreation rooms, and a conference room.

STUDENT CENTER, erected in 1969-70, is a four-story brick structure located on the north campus. This completely air conditioned building serves as the center of student recreational activities. Located in this building are a four-lane bowling alley, administrative space, college bookstore, grill, poolroom, game room, lounging area, organizations meeting rooms, and ballroom-banquet area.

BETTY WHITE INFIRMARY is an F. W. A. building. Located in it are offices for the school doctor and dentist. There is a ten-bed ward for men and similar accommodations for women, together with an apartment and an office for the resident nurse.

ALUMNI HOUSE is a modern brick cottage, containing a large lounge and two dormitory rooms. The lounge is suitable for small conferences and lends itself to many types of social events.

COLLEGE BOILER HOUSE, erected in 1939, is a one-story brick fire-proof building. It is equipped for high pressure steam production and supplies heat and hot water for the campus buildings. Annexed to the Boiler House is the Plumbing and Heating Repair Shop. The shop is equipped with modern power machinery necessary for plumbing and heating repairs.

MAINTENANCE-WAREHOUSE BUILDING was completed in the Spring of 1968. This two-story building houses the Department of Maintenance and provides storage and dispensary facilities for college supplies and equipment. The building contains two large storage rooms, staff office space, several repair shops for the carpentry, plumbing, electrical, and automobile mechanics trades, and space for roads and grounds equipment. The building will also serve as the headquarters for the College Security Personnel.

OUTDOOR RECREATIONAL FACILITIES—The College provides outdoor recreational facilities for men and women students. There are 7 asphalt and 4 clay tennis courts.

The Athletic Complex is under construction. The first units of the complex, which consist of a baseball playing field with two dugouts and spectator seats, a parking lot, a football stadium, and a storage field house, were completed in the winter of 1967. A running track is scheduled to be completed in the near future, thus making this facility one of the best and most modern in this section of the country.

DORMITORIES AND LIVING QUARTERS

ATWOOD HALL, erected in 1935, is a modern three-story double-L shaped fire-proof dormitory for men students. It has a spacious lobby, two club rooms, a director's office, and two five-room apartments.

CHANDLER HALL, erected in 1939, is a modern three-story fire-proof brick dormitory for women. The first floor contains a lobby, reception room, office for the director, and a small kitchenette.

COMBS HALL, erected in 1964, is a recently constructed dormitory. It has four floors, and a basement. It is a modern structure with complete facilities for study, recreation and comfortable living. It was recently converted to a women's dormitory.

HUNTER HALL is the newest dormitory for women on the campus. It was completed in 1964. Rooms for students are located on three floors. The basement contains a recreation room with television, a canteen room, kitchen, beauty parlor, trunk room, and storage room.

KENTUCKY HALL, erected in 1929, is a two-story, double-L shaped modern fire-proof dormitory for women. The building contains fifty-two student rooms, director's apartment, and a student reception room. In the basement is a club room.

McCULLIN HALL, erected in 1949, consists of three stories and a basement. In the basement are a lounge, a Y.M.C.A. room, a billiard room, barber shop, a kitchen, and a room for visiting athletic teams, large enough to accommodate 40 persons.

NEW MEN'S RESIDENCE HALL was constructed in 1967. This completely air-conditioned building provides living accommodations for 324 men students. In addition to bedrooms, the three-story building contains several recreational and lounging facilities, guest rooms, a director's apartment, living accommodations for professional and student counsels, and a conference room.

PRESIDENT'S RESIDENCE, erected in 1919, is an eight-room two-story brick dwelling with full basement.

FACULTY APARTMENTS AND COTTAGES—In 1948 the James S. Estill and James H. Ingram Apartments for faculty members were constructed. These two modern apartment buildings give the institution twelve family units. In addition there are several other cottages and apartments at the college for faculty use.

NEW FACULTY APARTMENT BUILDING, erected in 1967, provides living accommodations for 20 families. The four-story building contains 8 two-bedroom family units and 12 one-bedroom family units. It is completely air-conditioned, and is located near the extreme end of the south campus.

STUDENT ACTIVITIES

Social Life

The socialization phase of student life appears in social activities. Social activities provide for the out-of-class growth and development of students. They provide an ideal milieu for practice in investigative thinking because there is no perfect answer. Data must be gathered from a wide variety of sources and checked against real human emotions, purposes, desires, and ideas. The role of social activities then is to supplement the classroom by providing extended and different means of fulfilling the requirements of education. They become means for assisting students toward attaining a full understanding of reality.

Student Organizations

Students find opportunities for expression and development through various voluntary student organizations. The following constitutes a list of such organizations:

Alpha Kappa Mu Honor Society is designed to give recognition and encouragement to high scholarly attainment. Any student who is enrolled in any department of the College who maintains an average of 3.1 or better for five semesters of college work is eligible to become a member of this society.





Alpha Mu Gamma Foreign-Language Honor Society was organized in 1965. Its primary purpose is to honor students for outstanding achievement during the first two years of foreign language study in college.

Alpha Phi Omega is a National Service Fraternity for college and university men. Its purpose is to develop leadership, to promote friendship, to provide service to humanity, and "to further the freedom that is our national, educational and intellectual heritage". Since its founding in 1925 more than 100,000 men have joined *Alpha Phi Omega* on more than 450 college and university campuses. *Alpha Phi Omega* National Service Fraternity was chartered here at Kentucky State College on May 14, 1966, as Pi Omega Chapter.

Beta Kappa Chi Scientific Society was organized at Kentucky State College, October 14, 1946. The objective of this Society is the encouragement and advancement of scientific education, research and dissemination of scientific knowledge.

The Black Student Union was organized on May 1, 1969. It is designed to create black awareness, to foster black pride and to maintain black unity.

Gamma Sigma Sigma National Service Colony is based on the high ideals of service. Not only are the members serving on the campus, but they are active in community and national affairs. The purpose of *Gamma Sigma Sigma* shall be to assemble college and university women in the spirit of service to humanity, and shall serve to develop friendship among women of all races and creeds, through working side by side through the fulfillment of these goals common to all.

The International Relations Club meets monthly to discuss current topics of international affairs. Foreign students and teachers on the faculty from other countries are frequent speakers as well as guests from off-campus. The club plans the annual United Nations Day Program in October. The Department of History and Political Science sponsors the club and majors and minors in the department are urged to participate. Any student on campus may join.

The Wesley Club seeks to deepen, enrich and nurture the Christian faith of college men and women. It attempts to lead members of the college community to accept Christ as their personal Savior; lead them to participate in the fellowship of Christian life on the campus; and, help them to achieve the richness of the Christian community. It attempts to develop local campus fellowships which are warm, deeply committed to Christ, and in which student and faculty can mutually strengthen one another in Christian thinking and living.

Fraternities and Sororities

Beta Zeta Chapter of the *Alpha Kappa Alpha* Sorority was set up on Kentucky State College campus February 25, 1933. The purpose of the sorority is to cultivate and encourage high ethical and scholastic standards among college women, and to foster unity and friendship between college women and students and the alumnae.

The Beta Mu Chapter of *Alpha Phi Alpha* Fraternity was set up on Kentucky State College campus April 28, 1933. This is a national organization, whose aims are for the promotion of the highest type of scholarship and manly deeds.

The Alpha Pi Chapter of the *Delta Sigma Theta* Sorority was organized at Kentucky State College April 30, 1934. This sorority aims to establish and maintain high standards of scholarship, morals and refinement among college women of a given calibre.

Psi Psi Chapter of the *Omega Psi Phi* Fraternity was set up at Kentucky State College November 9, 1934. It aims to promote a feeling of brotherhood and cooperation among college men.

The Alpha Upsilon Chapter of the Kappa Alpha Psi Fraternity was organized at Kentucky State College March 1, 1935. This fraternity aims at the highest achievement in scholarship, manly development of its members, and the general improvement of college life.

Lambda Chapter of Sigma Gamma Rho Sorority Inc. was founded November 12, 1922 at Indianapolis, Indiana. The purpose of the sorority is expressed in its slogan "Greater Service, Greater Progress". Lambda Chapter was chartered on Kentucky State College campus in 1948 and reactivated on campus, February 1969.

Pan Hellenic Council

The constitution of the Pan Hellenic Council sets forth the aims and purposes of that student organization as follows:

"To establish and develop a spirit of cooperation among the various fraternities and sororities on the campus, in order to foster a constructive program that will stimulate and guide each individual of the Greek letter organization to follow the principles of fraternalism; and in order that the best interest of the college may be served."

Student Council

Beginning with the academic year 1935-36, a Student Council became operative. The aims and purposes of the Council as stated in its constitution are:

"To develop a spirit of cooperation on the campus, to encourage student initiative, to afford development through self-control and leadership, to create an intermediary between faculty and students in matters of general welfare, and to unite in forming an association of the student body."

Dramatics

The Kentucky State College Theatre gives opportunity for students with a talent for dramatics to participate in the production of several plays each year. These participants are known as the "Kentucky Players."

Forensics

Debate teams, for both men and women, are organized to allow students to participate in intercollegiate forensics. Inter-class debates are held annually, and debating teams are selected from these participants. Such teams participate in a number of intercollegiate debates held during the year. Students of the college who demonstrate to the satisfaction of the coach of debate and members of the Edmund Burke Debating Society a competence in forensics are admitted to membership in this organization.

Publications

The Kentucky Thorobred is a student publication issued under the general supervision of a faculty member. It is prepared for publication by interested students.

The student yearbook, in pictures covering college and student activities, is issued and distributed each year by a staff of students under the supervision of a faculty adviser.

The College Movie

Movies are shown on campus from one to two times per week. The presentations include the best movies of past and present years as a regular part of the College program.

Cultural Activities

A number of lectures, recitals, concerts, socials, assemblies, etc., are scheduled so that students may develop an appreciation of the arts and other aspects of our cultural heritage.

GUIDANCE AND COUNSELING

Guidance and Counseling functions are coordinated through the College Counseling Center. The counseling center offers methods for diagnosing the abilities, interests, background and needs of the individual student; it offers methods of relating such findings to the individual's life adjustment and finally it offers methods of selecting from available curricula, that individual curriculum most suited for the student. Professional counselors together with faculty advisors assist the students in their academic, personal, social and vocational development. Students with counseling needs of a complex and involved nature will find the services of the College Psychiatrist available.

HEALTH SERVICES

There is one common denominator which all students have and that is health. The college makes every effort to insure that the physical and mental health of students is maintained. A physical examination and a medical history are required of all students. A school physician is available for the treatment of minor ailments. Dental services are available by appointment. School nurses are available at all times for consultation and diagnosis. Good mental health is promoted by individual counseling and the staff psychiatrist. Hospitalization insurance is provided for all full time students.

LIBRARY

Paul G. Blazer Library is the heart of the College, providing an atmosphere suitable for study and encouraging recreational, informational and inspirational reading materials for students, faculty, staff, and citizens of the community.

The Library building was dedicated in March, 1960. Record listening booths, a classroom, a staff lounge, and other facilities are available. The Library has a collection of 60,000 well-chosen volumes. It also houses a disc record collection, more than 300 filmstrips, microfilm of a number of volumes of periodicals, state and Federal government documents, a circulating collection of more than 100 art reproductions, and a collection of educational movies.

To support the teacher training program, the college is strengthening its collection of curriculum materials. They include many of the state adopted school textbooks, a filmstrip collection, courses of study, and other materials for units of work in the form of charts, pictures, pamphlets, brochures, etc.

CAREER PLANNING AND PLACEMENT SERVICES

The Office of Career Planning and Placement Services has as its primary mission the task of providing supplementary education for Kentucky State College students with reference to that facet of life which has to do with careers in the world of work.

It provides vital services to students and alumni in the areas of vocational counseling and guidance through provision for general occupational information, through provision for the availability of employer information, and through the processing and maintenance of individual placement credentials.

Further services are provided by the dissemination of career related information through group orientations and through private conferences to guide and to assist students in making meaningful vocational choices from among the many opportunities that attract them today. It is also the task of the career planning counselors to prepare students for interviews and other contacts with prospective employers by acquainting them with ethics relating to placement and with their responsibilities as recipients of the services of this office.

Career Planning and Placement personnel are hosts to representatives from business, industry, government, education, and social service agencies to provide students with opportunities for personal contacts with these representatives through private interviews as well as through the formal and informal assemblies.

Further, it is the function of this office to keep the Administration, Faculty and Staff informed as to employment trends, standards, and requirements, particularly as they would interest or affect the specific office or department concerned.

RELIGIOUS LIFE

Religious opportunities at Kentucky State College are afforded to students through active participation in religious programs and organizations on campus and in community programs offered by churches located in the surrounding area.

Students have an opportunity to attend and take part in worship services held on first, second, and third Sundays in each month. In addition to this, on each Wednesday evening a Mid-Week Religious Service is held. Both the worship and mid-week service are open to all. In the community there are churches of almost all faiths. Students participation in all religious activities is purely voluntary.

ASSEMBLY

Assembly attendance is required of all Freshmen. Assembly is held on Tuesday at 10 A.M.

ALUMNI ASSOCIATION

The Kentucky State College Alumni Association purposes to promote the highest interest of the College and its alumni; to keep in close touch and harmonious cooperation with the chapters; and to perpetuate the highest traditions and ideals of the College.

STUDENT AUTOMOBILES

Students registered as freshmen and sophomores, regardless of the number of years they have attended college, are forbidden to possess and/or operate motor vehicles. Students on academic or disciplinary probation, regardless of their classification, are forbidden to possess and/or operate motor vehicles at the institution. Exceptions to these regulations will be granted only with special permission of the Dean of Students in order to avoid hardship based on physical handicap, in order to commute to classes, use of the car for essential work and other proven need.

No student may operate a motor vehicle at the institution until he has registered it. Request for a permit must be made not later than the last day of registration. If the student is under 21 years of age, the application must be accompanied by the written consent of his parent or guardian, regardless of the ownership of the vehicle.

A student desiring to register a motor vehicle must present a valid operator's license, and must show that when he is driving the vehicle he is insured against public liability and property damage in an amount not less than the minimum amount recommended by the Department of Insurance of the Commonwealth of Kentucky.

STUDENT HOUSING

Men's Dormitories

Atwood Hall, a dormitory for men, accommodating 140 men, is completely furnished, well lighted, heated by steam, equipped with shower baths and is comfortable at all seasons of the year.

McCullin Hall accommodates 150 men. Each bedroom has built-in closets and shelves and will accommodate two students. All rooms are radiant heated and adequately lighted.

New Men's Residence Hall has facilities for 324 students. This recently completed structure has every modern convenience, including telephones in each room.

Women's Dormitories

Chandler Hall, a dormitory for women students, contains 46 rooms and accommodates 92 women students. All rooms are steam heated and well ventilated and lighted.

Combs Hall comfortably houses 108 students on its four floors. It is a modern structure that is centrally heated.

Hunter Hall, the newest and most modern dormitory for women, accommodates 103 students. An adequately furnished basement makes it possible to prepare snacks and take care of beauty needs.

Kentucky Hall accommodates 107 students, 41 rooms are two-student rooms; 7 rooms are three-student rooms; 4 are one-student rooms. All rooms are steam heated and are comfortable all the year.

Young women are expected to room on the campus when attendance does not exceed the capacity of the dormitory unless for special reasons they are granted permission by the Dean of Students to room elsewhere.

Other Boarding Places

During those semesters when the attendance exceeds the capacity of the dormitories the school maintains a list of private homes which agree to take student roomers under conditions and rates that are acceptable to landladies as well as to the college.

Students should not engage rooms or board before ascertaining from the school that the landlady's home is on the list. The fact that students have roomed and boarded at a home during some previous year is not necessarily a guarantee that the home is at the present on the list. Women students desiring to room with relatives or friends should notify the Dean of Students of such intention as early as possible before coming in order to secure the school's approval if it can be given.

All students not living in their own homes, whether rooming in the dormitories or in private homes or rooming houses, are alike subject to the regulations, control and supervision of the school.

Advance Assignment of Rooms

Applications for rooms in the dormitory are receivable at any time. Such application should be made as soon as practicable, as reservations will be made in the order in which applications are received, but no reservation will be made unless there is an advanced payment of \$10.00. This amount will be refunded only in cases of non-attendance on account of personal illness or misfortune, provided notice is given prior to the opening of school and the room space can be rented to someone else.

Care of Rooms

Students are expected to care for their rooms and to keep them clean and orderly. The college attempts to make it possible for students to live in a refined atmosphere and under good living conditions; therefore, it expects those who occupy rooms in the dormitories to keep them in good condition. Students will be charged accordingly when school property is destroyed.

Articles To Be Furnished By Students

Whether rooming on the campus or in private homes, students are required to furnish bed spreads, comforts or blankets, soap and runners for desk and dresser.

Bed Linens And Towels

Bed linens and towels will be furnished each week. For this service, each student is required to pay a nominal fee each semester.

FEES AND EXPENSES

In determining fees and expenses for Kentucky State College, the administration has set forth the lowest possible costs necessary to render satisfactory service. Due consideration is given to the students ability to pay.



DEFINITION OF A RESIDENT STUDENT

The following policy, adopted by the Council on Public Higher Education, Commonwealth of Kentucky, in accordance with Section 164.020(2) of the Kentucky Revised Statutes, is applied to determine a student's eligibility for fees assessed Kentucky residents who enroll at any of the state-supported institutions of higher learning in the Commonwealth of Kentucky. This determination is made at the time of initial enrollment and shall not be changed thereafter except as provided below.

A student under twenty-one years of age is eligible to register as a resident of Kentucky if his parent or legal guardian has maintained continuous residence in the Commonwealth for twelve months immediately preceding his original enrollment. No person



shall be considered to have gained residence in the Commonwealth while a student unless or until his parent or legal guardian moves into the Commonwealth and acquires residence. If a student is registered as a resident of the Commonwealth and his parent or legal guardian thereafter moves out of the Commonwealth, the student will become a non-resident at the beginning of his next enrollment. If the parents have different domiciles, the domicile of the parent who has legal custody of the student's person shall be considered the domicile of the student.

A student twenty-one years of age or older is eligible to register as a resident if he has maintained continuous residence in the Commonwealth for twelve months immediately preceding the date of his original enrollment, exclusive of any time spent in attendance at any institution of higher learning. An adult student regis-

tered as a non-resident upon his original entrance cannot generally thereafter acquire resident status.

An adult student from out-of-state who seeks residence status must assume the burden of proving conclusively that he has been a resident of the Commonwealth the requisite time with the present intention of making his permanent home in this state. In general, it is assumed that the intent to remain indefinitely in the Commonwealth is evidenced not only by what a person states but what a person has actually done. Normally, persons with intent to establish residence will be expected to have done all those things which a person customarily does when establishing a permanent residence, some of which are: obtaining full time employment, establishing a home, buying property, filing tax returns, transferring or establishing church membership, affiliating with local organizations, and the various other things which give evidence of intent to remain indefinitely within the Commonwealth.

Each Board of Trustees or Board of Regents is authorized to establish a Non-Resident Fees Committee to consider changes in resident status based on the above criteria. Application for change of residence classification should be made to the person who has been designated by the Board of Trustees or Regents as the Chairman of the Non-Resident Fees Committee. The Chairman will present each case to the Committee for a decision.

This policy shall be applicable with exceptions allowable for possible conflicts with state and federal laws relating to residency such as the Federal Soldiers and Sailors Relief Act.

REGISTRATION FEES

Each full-time resident student pays a registration fee of \$120.00 per semester. Each full-time non-resident student will pay a registration fee of \$370.00 per semester. Payment of registration fees entitles the student to receive library service, attend lectures and concerts, receive the college newspaper, and attend local inter-collegiate athletic contests. These fees are payable at the time of registration.

SPECIAL FEES

Each full-time student will pay a special fee of \$60.00 per year. This fee entitles students to receive the annual yearbook, a reasonable amount of health and dental service, and membership into the Student Union Association. This fee is payable at the time of registration.



OTHER FEES

Part-time Students—Kentucky residents taking a part-time load (less than 12 semester hours) will be charged \$11.00 per credit hour. Non-residents will be charged \$32.00 per credit hour.

Evening School Students—Students enrolling in evening school classes will be charged a fee of \$9.00 per semester hour. Non-credit courses will be charged accordingly. (Non-resident \$22.50 per semester hour).

Late Registration Fee—A fee of \$5.00 is assessed every student presenting himself to begin any part of his registration after the day provided for that purpose. An additional \$1.00 per day is assessed for each successive day thereafter, not to exceed a total of \$10.00.

Special Examination Fee—A student who misses a semester examination will be required to pay a fee of \$.75 per credit hour for each examination missed before it is given to him.

Late Medical Examination—Students who do not undergo medical examination at the time scheduled must make special provisions under the supervision of the college physician.

Applied Music—Students enrolling in Applied Music courses will be charged the following semester fees:

Organ:	
One-half hour lesson per week	\$18.00
One hour lesson per week	27.75
Piano and Voice:	
One-half hour lesson per week	13.50
One hour lesson per week	18.50
Other instruments and class instruction in piano and voice	7.50

Graduation Fee—A graduation fee of \$15.00 is charged each student who makes application for degree. The fee covers cost of rental of caps and gowns, and the cost of the diploma. All Prospective graduates must pay this fee before March 15.

Summer Session Fees—The fees and expenses to attend the summer session are approximately one-fourth of the total cost necessary during the regular school year. Specific fees and expenses are shown on the summer session bulletin.

BOARD AND RENT

All students occupying rooms on the campus are expected to take their meals in the college cafeteria unless excused by the Dean of Students. No cooking or storage of food will be permitted in the dormitory rooms. Any student violating this rule may be asked to move from the dormitory.

In order for a student to reserve a room, an advance application and room reservation fee of \$10.00 must be made. The advance payment is credited to the student's account at the time of registration.

The total board expense for the school year is \$360.00 and the total rent expense is \$205.00 or \$223.00 or \$258.00 depending on the residence hall.

RENT CHARGES FOR DORMITORIES:

Atwood Hall	\$205.00
Chandler Hall	\$205.00
Kentucky Hall	\$205.00
McCullin Hall	\$205.00
Combs Hall	\$223.00
Hunter Hall	\$223.00
New Men's Residence	\$258.00

One-half of both expense items is to be paid during each of the two semesters. All fees and expenses are payable in accordance with the payment schedule as outlined.

BOOKS AND SUPPLIES

Books and supplies for one semester will average \$55.00 to \$65.00. Students enrolling in classes in the Department of Health and Physical Education should estimate an additional \$20.00 for supplies.

GENERAL EXPENSES FOR THE SCHOOL YEAR

Resident Students (In-State Students)	
Registration Fee	\$240.00
Special Fees	60.00
Board	360.00
Rent*	205.00
Insurance	20.00
TOTAL	\$885.00

Non-Resident Students (Out-of-State Students)	
Registration Fee	\$740.00
Special Fees	60.00
Board	360.00
Rent*	205.00
Insurance	20.00
TOTAL	\$1385.00

PAYMENT SCHEDULE OF GENERAL COLLEGE EXPENSES
1970-71 SCHOOL YEAR

	First 9-12-70	Second 11-12-70	Third 1-27-71	Fourth 3-27-71	Total for the Year
Kentucky Students Boarding*	\$315.00	\$130.50	\$309.00	\$139.50	\$885.00
Kentucky Students Non-Boarding	163.00	.....	157.00	.....	320.00
Out-of-State Students Boarding*	565.00	130.50	559.00	130.50	1385.00
Out-of-State Students Non-Boarding	413.00	.....	407.00	.....	820.00

*Students housed in Hunter and Combs Halls will be charged an additional \$18.00 for the school year. Students in New Men's Residence will be charged \$53.00. On each of the payment dates, one-fourth of the additional charge is to be made. All payments should be made payable to Kentucky State College.

PAYMENT SCHEDULE OF GENERAL COLLEGE EXPENSES
1971-72 SCHOOL YEAR

	First 8-24-71	Second 11-12-71	Third 1-27-72	Fourth 4-1-72	Total for the Year
Kentucky Students Boarding*	\$315.00	\$130.50	\$309.00	\$130.50	\$885.00
Kentucky Students Non-Boarding	163.00	.....	157.00	.....	320.00
Out-of-State Students Boarding*	565.00	130.50	559.00	130.50	1385.00
Out-of-State Students Non-Boarding	413.00	.....	407.00	.....	820.00

*Students housed in Hunter and Combs Halls will be charged an additional \$18.00 for the school year. Students in New Men's Residence will be charged \$53.00. On each of the payment dates, one-fourth of the additional charge is to be made. All payments should be made payable to Kentucky State College.

All accounts are payable as scheduled and must be paid accordingly or in advance. If an account becomes delinquent, the student may be dropped from classes or requested to withdraw from the College. No student shall be permitted to register from one semester to another until all prior accounts are settled in full. No diploma, certificate or transcript is granted a student until all bills with the College are paid in full. All payments should be made payable to KENTUCKY STATE COLLEGE in the form of Money orders, or Certified checks. Address all payments as follows: Business Office, Kentucky State College, Frankfort, Kentucky 40601. Personal checks are not accepted by the College.

REFUNDS, DEDUCTIONS, AND WITHDRAWALS

General Fees:

1. When a student withdraws within one week of the official date of registration as specified in the catalogue, 75% of the fees will be refunded.
2. When a student withdraws within two weeks of the official date of registration as specified in the catalogue, 50% of the fees will be refunded.
3. When a student withdraws within three weeks of the official date of registration as specified in the catalogue, 25% of the fees will be refunded.
4. After three weeks from the first official date of registration, no refund of fees will be made.
5. No refund will be given on charges made for lessons in Applied Music unless the student withdraws officially from the College. Such refunds will be made only on a monthly basis.

Board and Rent:

1. Refund or credit on board will be made on the basis of a weekly unit.
2. Refund or credit on rent will be made on the basis of a monthly unit.

III. ADMISSIONS, REGISTRATION, AND OTHER ACADEMIC INFORMATION

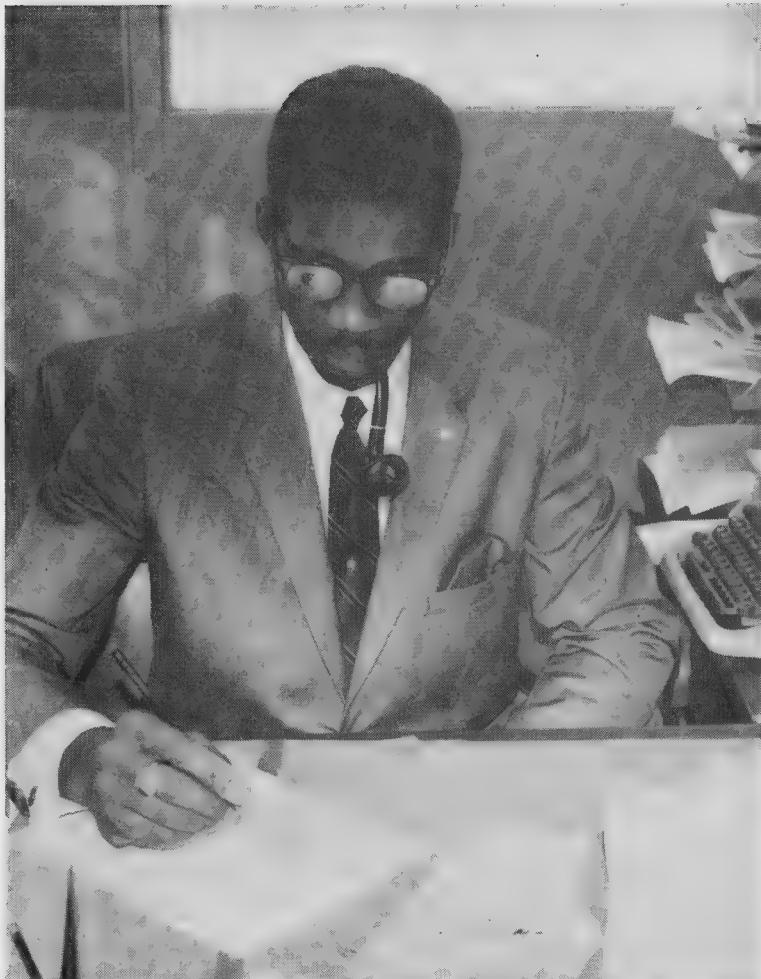
ADMISSION TO THE COLLEGE

Admission Requirements—Freshmen

1. Residents of Kentucky who are graduates of high schools accredited by the State Department of Education or by the Southern Association of Colleges and Schools are admitted to the freshman class on certificate, providing they have seventeen units of high school work acceptable to the college.
2. Non-Resident applicants are admitted to the freshman class if they are graduates of high schools accredited by recognized regional accrediting associations, and if they meet the following criteria:
 - a. Possess a C average on all high school work.
 - b. Rank in the upper half of their graduating class.
 - c. Have an ACT composite standard score of at least 13.
3. It is recommended that applicants for admission have a minimum of three units in English and two units in mathematics. Students who do not meet these requirements are expected to take courses designed to eliminate these deficiencies. While no definite pattern is required of the remaining twelve units, applicants will be required to present satisfactory evidence of adequate preparation for the course of study they wish to pursue at the College. Units in the social studies, foreign languages and laboratory sciences are highly desirable as preparation for study at Kentucky State College.
4. An applicant who has completed at least six semesters of study in high school may apply for admittance. Conditional acceptance may be granted on the basis of the high school record through this period. Upon receipt of the complete transcript after graduation, a letter of regular acceptance and a permit to register will be sent to the applicant.
5. All applicants accepted for the freshman class must submit scores on the ACT Test. If the test has not been taken, it must be taken residually at the college.

Transfer Students

1. Students who have attended other colleges are admitted to Kentucky State College upon acceptance of their credentials from other colleges. Credit will be transferred when earned with a grade of "C" or higher and when earned in courses correspond-



ing to those offered at Kentucky State College. In case of questionable credit, acceptance of credits will be deferred at the time of admission. After one or more years of satisfactory work at Kentucky State College, credits earned elsewhere will be placed on the student's record. An applicant who is on probation, suspended, or expelled from another institution is not eligible for admission to the College, unless he can qualify for re-admittance at the institution from which he wishes to transfer.

2. An applicant seeking advanced standing must submit prior to the date of intended registration an official transcript showing credits and grades obtained in courses and an official statement of entitlement to honorable dismissal from each college that has been attended. Transcripts and statements of honorable conduct from all colleges attended must be submitted directly to the Office of the Registrar by the college.

A maximum of 67 semester hours of credit may be accepted from accredited junior colleges. The student is responsible for having all credentials forwarded to the College. Failure to submit complete information on applications may result in cancellation of acceptance.

3. Transfer students who plan to attend the College as regular full-time students are expected to be in attendance during Freshman Orientation Week. They will take an intelligence test along with freshmen.

Other Students

1. Persons 21 years old and older who are residents of Kentucky may be admitted as special adult students upon the approval of the Committee on Admissions. Such persons may be admitted as regular students upon completion of prescribed tests.

2. Persons who have received High School Equivalency Certificates as a result of taking the G.E.D. test are eligible for admission as regular students.

3. Students who do not plan to become applicants for a degree or certificate may enroll as **special** students. Such students must meet the regular entrance requirements if at some later time they decide to work toward a degree. Credits earned prior to meeting regular entrance requirements may not be applied toward a degree.

4. Students who have not been in attendance for a semester or more should write to the Registrar and secure a permit to re-register.

Early Admission (High School students who have not graduated)

Many students attending high school are endowed with superior intelligence and academic industriousness. These qualities result in them making exceptional academic progress in high school.

Such students, it has been proven, can be admitted to college prior to graduation from high school and do well. There are students in the local area who have the ability and the desire to follow such a course at Kentucky State College.

It is felt that the establishment of an Early Admissions Program will be of benefit to such students and the College.

REQUIREMENTS FOR ADMISSION TO THE PROGRAM

1. Prospective high school applicants must be two or fewer units away from meeting requirements for graduation from high school.
2. Applicants must have followed a college preparatory curriculum.
3. Applicants must rank in upper 10% of the class and have an overall grade point average of 3.0 or above on a 4.0 scale.
4. Applicants must have an ACT Composite Score of 19 or more.
5. Applicants must be recommended by the principal (or counselor) and the heads of their major subject departments.
6. Each applicant must be interviewed by a representative (or representatives) of the Admissions Committee of the College.
7. Applicants who are accepted for admission may enroll for a maximum of nine semester hours of courses selected from the general education requirements. (Six hours in summer.)
8. Applicants must also be concurrently in high school (except during the summer).
9. A faculty advisor will be appointed.

PROCEDURE TO BE FOLLOWED IN APPLYING FOR ADMISSION

1. Students planning to enter the College should write to the Office of the Registrar and request an "Application for Admission blank." Upon receipt of this letter, an application blank, a medical record blank, and a catalogue will be sent.
2. Parts one and two of the application blank should be completed by the applicant. All questions are to be answered. The student should have the principal of the high school from which he or she graduates complete parts three and four of the application blank. The principal should then mail the completed blank to the Office of the Registrar, Kentucky State College. The student should ask the principal to send a transcript of his record at the same time that the principal is asked to complete the application blank.
3. All freshman and transfer students seeking admission should have the medical record blank completed by a medical doctor who has given the applicant a physical examination. The medical record blank is to be completed and signed by the applicant's physician and returned to the Office of the Registrar before the student is admitted.
4. All prospective Freshmen will be expected to submit scores made on the American College Testing Program. Information concerning this test is available from high school counselors or ACT, Iowa City, Iowa.
5. When all credentials have been received by the Registrar, each applicant who is accepted as a student of the College will be mailed a letter of acceptance and a permit to register.

SUGGESTED ENTRANCE UNITS

At least ten of the units presented for admission should be chosen from English, mathematics, the social studies, the foreign languages, and the laboratory sciences. Of these, at least three units in English and two in mathematics are recommended.

GROUP A

English	4	Mathematics:	
Foreign Languages:		Advanced Arithmetic	1½-1
French	1 -3	Advanced Algebra	1
German	1 -3	Solid Geometry	½
Greek	1 -3	Trigonometry	½
Latin	1 -4		
Spanish	1 -3	Sciences:	
		Biology	½-1
History and Civics		Botany	½-1
History	1 -4	Chemistry	½-1
Civics	½-1	General Science	½-1
Political Economy	½	Physics	½-1
		Geology	½-1
Education (Including		Physical Geography	½-1
Psychology)	½-1	Physiology and Hygiene	½-1
Teaching	1	Sociology	½
		Zoology	½-1

GROUP B

Agriculture	1½-4	Home Economics†	1½-4
Bookkeeping	1½-1	Music	1½-1
Commercial Law	½	Shop Work	1½-2
Commercial Geography	½	Shorthand	1½-1
Drawing—Freehand	1½-2	Surveying	½
Drawing—Mechanical	1½-2	Salesmanship	½

† Not more than one unit may be offered for any subject in Agriculture and Home Economics.

The minimum amount of credit allowed in any subject will be one-half unit.

HEALTH EXAMINATION

All freshmen and transfer students must file certificates with the Register showing that the required physical examination has been taken before registration is allowed. Proper forms will be furnished by the College together with other necessary admission materials. These must be executed and signed by the applicant's physician and returned to the Registrar's Office before the student is admitted.

A student absent from the College for a period of one year or more must also submit a medical certificate from his physician before re-entering the College.

Tuberculosis tests will be administered at the College during each year. If these tests show a positive reading, a fee will be charged for an X-ray which is required in such cases.

REGISTRATION

All students should check with their advisors prior to time of registration in order to have programs of study and courses approved.

Students are expected to register at the appointed time. Late registrants will pay a late registration fee as per the following schedule:

First Day	\$ 5.00
Second Day	6.00
Third Day	7.00
Fourth Day	8.00
Fifth Day	9.00
Sixth Day and up	10.00

Students may not register for credit after the deadline set for completion of registration.



Student Load

The normal semester load for all students is 16 semester hours. The minimum load to be classed as a full-time student is 12 semester hours. Students, however, may pursue from 16½ to 20 hours under the following conditions:

1. If the hours are required in the curricula.
2. If the previous semester average is 3.0 or above.
3. If the students are graduating seniors.

A maximum of 21 credit hours may be pursued by students demonstrating outstanding scholastic ability (overall average of 3.20 or better). An exception to this rule may be acted upon for the second semester of the senior year by the Dean of Instruction upon the recommendation of the Head of the Department. Under no condition will a student be permitted to pursue more than 21 hours during a semester.

A mark of "I" will be assigned only when the student, due to unavoidable conditions, has been unable to complete course requirements on time.

An incomplete or "I" earned in any particular semester must be removed during the next semester the course is offered, otherwise the course will be recorded by the Registrar as "F".

A mark of "W" shall be granted a student provided that student formally withdraws from a course before the close of the first three weeks of any semester.

A mark of "WP" shall be granted that student who has remained in a course for a period longer than the first three weeks of any semester, provided that student is passing in such course at the time of formal withdrawal from the course.

A mark of "WF" shall be granted that student who has remained in a course for a period longer than the first three weeks of any semester, provided that student is failing in such course at the time of formal withdrawal from the course.

The several marks yield quality points as follows:

- A—Four quality points per credit hour
- B—Three quality points per credit hour
- C—Two quality points per credit hour
- D—One quality point per credit hour
- F—No quality points, no credit
- W, WF, WP—No quality points, no credit.

Courses in which a student has made a mark of "A," "B," "C," or "D," may be counted towards a degree with two exceptions: (1) Major and minor courses and (2) Freshman English (English 101 and English 102). A student must repeat any "major course" in which he earns a mark of less than "C", and when he has accumulated marks of "D" covering more than 16 semester hours, he shall immediately repeat one or more of the courses in which such marks were earned. Such repetition shall be kept up until marks higher than "D" are earned in the repeated courses. If the mark earned is higher than "D" it shall be substituted for the original mark made in the course on all transcripts sent out by the

college. This substitution shall be indicated on the transcript by a suitable device. No student shall be allowed to graduate if his record shows more than the allowed number of D's after the substitution has been made. The usual regulation as to fees, amount of work, and probation shall apply to these repeated courses.

At his first opportunity, a student must repeat in class a required course in which he has received a mark of "F," "W," or "WF", unless the Dean of Instruction authorizes a substitute course.

Unauthorized withdrawal will be marked "WF."

Class Attendance

The college assumes that every student enrolled has something to contribute to, and to get from, a class or laboratory session; regular attendance is expected if credit is to be earned in a course. The matter of class attendance is construed as a contract between instructor and student. As a consequence, certain guidelines are presented to insure this relationship:

1. The instructor must impress upon the student at the outset the need for regular attendance in his classes if credit is to be earned and should emphasize the consequences that might result from excessive absences.
2. The student shall assume the responsibility for taking all quizzes, one-hour and final examinations as scheduled as well as completing laboratory requirements or other course requirements. Provision for any possible make up work will be left to the discretion of the teacher. Such work shall be completed within a two week period from the date the student returns to class.
3. To guide the student in the course of the semester's work, the instructor should present to each member of his class at the outset an outline of the work to be covered during the semester.

Excuses for absence from vital phases of a course may be issued by the Office of the Dean of Students—that is, absence due to illness, death, or some other valid reasons. In the case of absence due to patriotic duty for the College, the Dean of Students will send to each instructor the list of students participating in the several activities.

If, in the opinion of the instructor, a student has been absent from a class or laboratory too frequently, and if the student is in grave danger of failing as a result of excessive absences, that fact should be reported to the Dean of Instruction, who with the instructor, will recommend the appropriate action.

Instructors are still to keep very accurate rolls from the first day of class through out the semester.

Classification of Students

Students shall be classified as indicated below upon the completion of the respective number of hours provided that all entrance requirements have been met.

Freshman	0-29 semester hours
Sophomore	30-59 semester hours
Junior	60-89 semester hours
Senior	90 and above semester hours

PROBATION AND DISMISSAL FOR LOW SCHOLARSHIP

The academic standing of a student is the ratio of his total number of quality points to his total hours pursued. In order to remain in good academic standing, a student carrying a minimum of twelve semester hours must maintain the following cumulative grade point average in accordance with the number of semesters of attendance:

End of 2 semesters:	1.60
End of 4 semesters:	1.70
End of 6 semesters:	1.90
End of 8 semesters:	2.00

- A student will be placed on probation if at the end of any semester his semester average falls below the minimum cumulative grade point average stated above except for students whose cumulative average is equal to or higher than that required. (For example, a first semester student who made a 1.58 for that semester or a third semester student who made a 1.68, would be placed on probation.)
- Students who do not meet the minimum requirements listed in above will be dismissed from the college for one semester. Upon petition, the cases of dismissed students will be reviewed by a special Academic Review Committee. Any student wishing to appear before the Committee must make his request in writing within one week after notification of dismissal, citing the basis for request.
- Students who are readmitted after being dismissed for low scholarship will have two semesters to meet their minimum cumulative grade point average or incur a final dismissal. (For example, a first year student dismissed at the end of his second semester in college would have two semesters in which to bring his cumulative grade point average up to the required 1.70.) If he does not meet this requirement, his record will be reviewed by the Academic Review Committee upon written request within one week after notification of final dismissal, citing the basis for request.

D. No student is permitted to transfer credit earned during the semester of dismissal for poor scholarship.

Regulations for Terms of Study less than a year

When a student of any classification pursues 12 or more semester hours of work during different terms within the calendar year, the regulations regarding scholarship standards will be applied.

Withdrawal from the Institution

Students who find it necessary to withdraw from the institution must secure permission from the Dean of Students to withdraw officially.

Students failing in courses at the time of official withdrawal (unless such withdrawal is within the first three weeks of the semester) shall receive WF in such courses. (Same as F.)

Students who withdraw unofficially are subject to the following penalties:

- a. Probationary status first semester of attendance following unofficial withdrawal.
- b. Dismissal for one semester if on probation at time of withdrawal.
- c. Payment of a \$5.00 fee at next registration.

Changing Courses

All changes of registration (either by adding or dropping a course or changing hours and divisions) must be made through the Registrar's Office. Students are required to follow the program as outlined on their registration cards. Any student who takes a course irregularly will not receive credit for it. A student cannot sign for a new course after the last day of regular registration. The penalty for changing or dropping a course without the approval of the Registrar is failure in the course.

A fifty cents processing fee is charged for adding a course to one's schedule.

Withdrawal from Classes

Students are not permitted to withdraw from classes during the last four weeks of the semester.

Residence Requirements

To obtain the Bachelor's degree, the student must have registered in the college as a resident student during his senior year and have gained the last 32 semester hours in the college. At least one-half the credits of a major must be gained in this college. The student is held responsible for completion of all requirements for graduation by the time he expects to graduate.

IV. DEGREES, COURSES OF STUDY, AND CURRICULA

DEGREES

The College offers instruction leading to the following degrees:

Bachelor of Arts with majors in
Elementary Education
English
French
History and Political Science
Sociology
Social Sciences
Spanish

Bachelor of Science with majors in
Biology
Business Administration and Economics
Business Education
Chemistry
General Science
Health and Physical Education
Home Economics
Industrial Arts
Mathematics
Music Education
Office Administration

Associate in Applied Arts with majors in:
Architectural Drafting Technology
Civil Drafting Technology
Data Processing
Electronic Technology
Library Technology
Nursing Education
Secretarial Science
General Education

Minors are available in Art, Speech and Theatre Arts, and Afro-American Studies.

For any degree the student is required to gain the minimum number of semester hours and quality points as required in his particular curriculum with an average academic standing of 2.0 or "C".

In all cases the student is responsible for the meeting of requirements for graduation.

The selection of majors and minors must be made not later than the first semester of the junior year of college studentship and may not be changed later than the beginning of the first semester of the senior year. Courses pursued in any major are subject to the approval of the Head of the student's major department and the Dean of Instruction.

Students are advised to give careful thought and consideration to the problem of selecting major and minor subjects. These subjects should be chosen in accordance with the student's interests, graduate school plans, and the demand for service after graduation. It is necessary to remember that adequate preparation must be made in a subject in order to qualify one to teach the subject in the public schools.

Students may major, minor, or pursue an Area of Concentration from the following subject fields:

Subject Field	†Semester Hours Required		
	# Major	Minor	** Area of Concentration
Art		21	
Biology	30*	18	
Business Administration			48
Business Education			48
Office Administration			48
Chemistry	30*	18	
Elementary Education			4 year curriculum
English	36	24	
Health & Physical Ed.	36	18	48
History & Political Sci.	36	24	
Home Economics			Special 4 year curriculum
Industrial Arts			48
Mathematics	30*	18	
Medical Technology			Special 4 year curriculum
Music Education		18	48
French	30*	18	
Spanish	30*	18	
Social Sciences			48
Sociology	30*	24	
Speech & Theatre Arts		24	

Note—†Required lower level courses included in these minimum requirements

#Must have a minor of at least 18 semester hours

*24 semester hours if 2 majors are carried

**Does not require a minor

Courses are available whereby high school certificates in Music and Physical Education may be endorsed on a twelve-grade basis.

Courses of Study

The following numbering system is used.

Freshman Courses	100-193
Sophomore Courses	200-293
Junior Courses	300-393
Senior Courses	400-493

Students who wish to qualify for teaching certificates may major, minor, or pursue an Area of Concentration from the following:

Majors: Biology, Chemistry, History-Political Science, English, French, Spanish, Mathematics, Music.

Minors: Art, Biology, Chemistry, History-Political Science, English, French, Spanish, Mathematics, Sociology, Music.

Areas of Concentration: Vocational Home Economics, Business Education, Health - Physical Education-Recreation, Music, Social Studies, Industrial Arts, Elementary Education.



To major or minor in a department, a student must have the consent of the Head of the Department and the Dean of Instruction. Majors and minors must be chosen by the beginning of the junior year.

Liberal Arts students should select majors and minors in consultation with their advisors.

The College offers courses designed to meet the needs of various classes of students:

(1) A four-year course consisting of a minimum of 128 semester hours leading to the Provisional Elementary Certificate.

(2) A four-year college course preparing persons as teachers of high school subjects in the fields of English, French, Social Sciences, Mathematics, Home Economics, Chemistry, Biology, Public School Music, Physical Education, Business Education, and Music Education.

(3) A four-year liberal arts college course.

(4) A four-year course in Industrial Arts.

(5) A four-year course in Business Administration.

(6) A four-year course in Medical Technology.

(7) A two year course in Nursing.

A two year course in Electronic Data Processing.

The College reserves the right to withdraw or to close courses the registration for which does not warrant opening or continuing.

Honors

A *Dean's List* will be published by the office of the Registrar at the close of each semester. The names of students making an average of 3.2 quality points or more will be placed on the *Dean's List*. To be eligible for the *Dean's List*, a student must carry 15 semester hours.

Upon graduation from the college the following honors will be awarded: *With Distinction* to students whose general quality point average for four years is 3.2 or above; *With High Distinction* to students whose general quality point average for four years is 3.5 or above and who have received no F's or D's; *With Highest Distinction* to students whose general quality point average is 3.8 or above and who have received no F's or D's. A minimum of two years or 64 semester hours in residence is required. Not less than 50 per cent of the Honor-grade credits must be earned in residence at the college during a regular term.

Departmental Honors

The Degree of A. B. or B. S. with Honors in the student's major subject will be conferred upon the student who, in addition

to having completed the requirements for the degree, shall have maintained a college average of not less than 3.0 and a departmental average of not less than 3.3. In computing departmental averages all courses taken in a department will be counted. To be considered for departmental honors two years of residence work are required, with at least half of the major courses taken in residence. In addition, the candidate must be approved for such honor by the staff of the department.

REQUIREMENTS FOR GRADUATION

Application for Degrees

Students who intend to satisfy the requirements for a degree must file formal application with the Registrar on or before the second Tuesday in April.

Only students who have met all requirements for graduation on or prior to the last date of regular senior examinations during the spring semester will be considered for graduation during a particular year.

The student is held responsible for completing all requirements for graduation by the time he expects to graduate.

General Education Courses

In order to complete requirements for graduation each student must earn at least 128 semester hours. General education courses are to be selected from four areas:

Group I—Language 18 hrs.

Required Eng. 101-102 6 hrs.

Literature 3 hrs.

Foreign Language or Humanities 6 hrs.

3 additional hours either

Literature or Speech 3 hrs.

Group II—Science 12 hrs.

Required Life Science 6 hrs.

6 additional semester hours

in some field of Science
other than Biology 6 hrs.

Group III—Social Science 13 hrs.

Required World Civilization 6 hrs.

Required 6 additional hours 6 hrs.

Group IV—Health 4 hrs.

Required Activity 2 hrs.

Required Health & Safety 2 hrs.

Total General Education

46 hrs.

Other Courses

82 hrs.

To include majors and minors or a field of concentration, allied fields of study, and electives—with the proviso that not more than 40 semester hours may be taken in any major field.

Students seeking certification to teach in the public schools of Kentucky must include preprofessional courses to form a balanced program of 12 to 18 semester hours in foundations, to be selected from general education and/or electives. (May include courses in sociology, psychology, or biology)

Professional Preparation

Human Development and

Psychology

Administration of Public Schools

Fundamentals of Education

Supervised Teaching

3 hrs.

3 hrs.

3 hrs.

8 hrs.

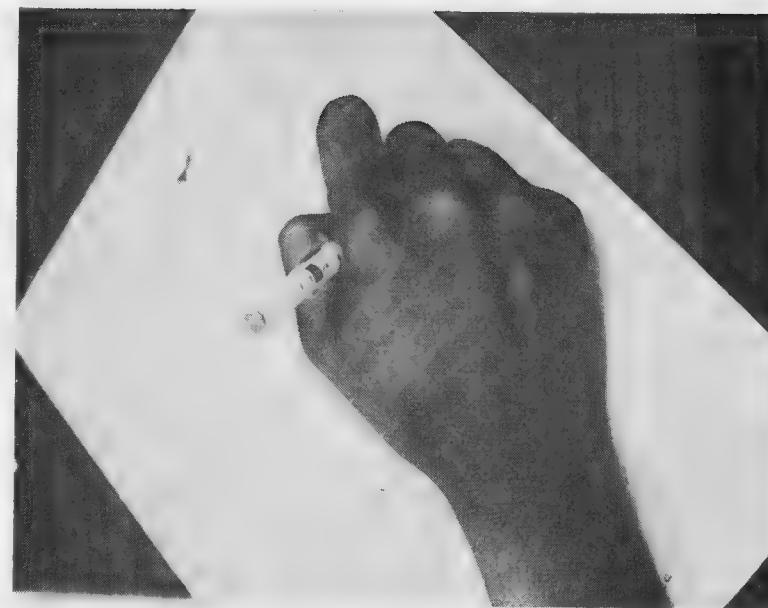
128 hrs.

Credits by Extension and Correspondence

Although the College may accept a maximum of 30 semester hours by extension and correspondence combined toward a degree, the institution does not encourage the taking of extension or correspondence courses by students.

The following specific regulations shall govern extension or correspondence work:

- a. No student in a degree curriculum shall enroll for or be enrolled in an extension or a correspondence course during any semester or summer session when he is registered as a student at the College.
- b. No student shall submit to the College for acceptance for credit any extension or correspondence course taken while the student is on dismissal from the College for academic or for disciplinary reasons.
- c. No student shall enroll for an extension or correspondence course without the prior written recommendation of the department head of the subject area to which the course pertains and the approval of the Dean of Instruction.
- d. Under no circumstances shall a student be approved to pursue a correspondence course in his major subject or area of concentration unless such course is in addition to the requirements of his curriculum.

**GENERAL CURRICULUM FOR THE LOWER TWO YEARS**

This curriculum leads to the Bachelor of Arts degree with majors in History and Political Science and Sociology, and second majors or minors in Music Education and Modern Foreign Languages and Literature. Through judicious selection one may qualify as a teacher in two or more fields, as a social civic leader in his community, or to pursue further professional courses. Each student must secure six semester hours credit in a foreign language.

GENERAL CURRICULUM**FRESHMAN YEAR**

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
Ed. 100—Freshman Orientation.	1/2	P.Ed. 102—Orientation in P.Ed.	1/2
P.Ed. 101—Orientation in P.Ed.	1/2	Mod. Lang. 102	3
M & La g. 101	3	(French or Spanish) Elect (from group below)	3
(French or Spanish) Elect (from group below)	3	Math. 102—Trigonometry	
Math. 101—College Algebra		Soc. 102—Prin. of Geography	
Soc. 102—Prin. of Geography		P.Ed. 112—Personal Hygiene	
P.Ed. 112—Personal Hygiene		Ed. 102—Arts & Crafts II	
Ed. 101—Arts & Crafts I		Eng. 103—Fund. of Speech	
Eng. 103—Fund. of Speech		Art 102—Beginning Drawing and	
Art 101—Beginning Drawing and		Painting	
Painting		Elective	1
			16 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
Soc. 201—Intro. to Social Sci.	3	Soc. 202—Intro. to Social Sci.	3
Sci. 201—Intro. to Physical Sci.	3	Sci. 202—Intro. to Physical Sci.	3
Ed. 221—Human Dev. & Psy. I.	3	Ed. 222—Human Dev. & Psy. II.	3
P.Ed. 201—Recreational Activities.	½	P.Ed. 202—Recreational Activities.	½
Electives (from group below)	3	Electives (from group below)	3
Mod. Lang. 201 (French or Spanish)	3	Mod. Lang. 202 (French or Spanish)	3
Hist. 201—U. S. History	3	Hist. 202—U. S. History	3
Eng. 201—Public Spkg.	2	Eng. 204—Prob. of Voice Trng.	2
Mus. 221—Music Apprec.	2	Eng. 202—Children's Lit.	3
Ed. 203—General Psy.	3	Ed. 203—General Psy.	3
Art 201—Art History Survey: Primitive to Medieval Art	3	Soc. 211—Geography of N. A.	3
Elective	1	Mus. 222—Music Apprec.	2
		Art 202—Art History Survey; Renaissance to Contemporary Art	3
		Elective	1
	16½		16½



DEPARTMENT OF BIOLOGY

The principal objectives of the Department of Biology are:

1. To provide all students of the college with at least a general biological background necessary for the understanding of related subject-matter, and for general intellectual development.
2. To give in certain cases, basic training toward qualifying students to pursue work in technical and vocational fields based upon the biological sciences.

3. To qualify major students to teach biology and general science subjects in the common schools of Kentucky and elsewhere.

4. To prepare certain students for entrance into studies leading to higher degrees in the Biological Sciences, Dentistry, and Medicine.

A second year of chemistry is strongly recommended for Biology majors.

Eighteen and thirty semester hours shall constitute a minor and major respectively in Biology. Six to eight hours of beginning biology (Life Sciences), three hours of General Botany (212), and additional hours may be selected from the following courses: Microtechnique and Histology (205), Comparative Vertebrate Anatomy (203), General Human Physiology (301A), General Microbiology (302), Vertebrate Embryology (304), Invertebrate Zoology (306), Genetics (307), Radiation Biology (402), Problems in Biology (410). All courses are offered every year unless otherwise stated.

CURRICULUM

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Biol. 103—Life Science	4	Biol. 104—Life Science	4
Math. 100—Fund. of Math.		Math. 102—Trigonometry	3
or		Eng. 102—English Comp.	3
Math. 101—College Algebra	3	Fren. 102—Elem. French	3
Eng. 101—English Comp.	3	Span. 102—Elem. Spanish	
Fren. 101—Elem. French	3	or	
Span. 101—Elem. Spanish	3	Germ. 102—Elem. German	
or		Hist. 102—World Civilization	3
Germ. 101—Elem. German		Ed. 203—General Psychology	3
Hist. 101—World Civilization	3	P.Ed. 102—Orientation in P.Ed.	½
Ed. 100—Freshman Orientation	½	P.Ed. 101—Orientation in P.Ed.	½
		17	19½

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Chem. 101—General Chemistry	4	Chem. 102—General Chemistry	4
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
Fren. 201—Intermediate French	3	Fren. 202—Intermediate French	3
Span. 201—Intermediate Spanish		Span. 202—Intermediate Spanish	
or		or	
Germ. 201—Intermediate German		Germ. 202—Intermediate German	
Biol. 205—Microtechnique & Histology	3-4	Biol. 212—General Botany	3
or		Soc. 202—Intro. to Soc. Sci.	3
Biol. 203—Comp. Vertebrate Anatomy		Ed. 222—Human Dev. & Psy. II.	3
Soc. 201—Intro. to Soc. Sci.	3	P.Ed. 202—Recreational Act	½
P.Ed. 221—Health & Safety Ed.	2		
P.Ed. 201—Recreational Act	½		
		18½-19½	19½

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Biol. 301—Physiology	4	Biol. 302—General Microbiology	3
Biol. 307—Genetics	3	Biol. 306—Invertebrate Zoology	3
Econ. 211—Prin. of Economics	3	Biol. 304—Vertebrate Embryology	4
Sci. 211—General Physics	4	Sci. 212—General Physics	4
Electives	3-4	Electives	6-7
	17-18		17-18

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Educ. 452—Fund. of Secondary Ed.	3	Ed. 412—Admin. of Pub. Schools	3
Phil. 300—Intro. to Philosophy	3	Ed. 410S—Meth. of Tchg. Sci.	3
Soc. 305—Contemp. Soc. Prob.	3	Biol. 410—Spec. Prob. in Biol.	1-2
Biology	2-3	Ed. 400—Supervised Teaching	8
Electives	5		
	16-17		15-16

COURSE DESCRIPTION

BIOLOGY 101. Life Science.—A comprehensive general consideration of the fundamental organization of living things, their structure and function in relation to the interacting factors of the external and internal environments. A survey of the living world of animal and plant organisms with special attention to representative types and relationships. Two hours lecture; two hours laboratory and demonstrations per week. Credit 3 hours.

BIOLOGY 102. Life Science.—Continuation of Biology 101. Study of basic biological principles and problems in relation to the requirements of man. Special consideration is given body structures and functions; problems pertaining to nutrition, development, adjustment, heredity, et cetera, and improvement of man and his surroundings. Two hours lecture; two hours laboratory and demonstrations per week. Prerequisite: Biology 101. Credit 3 hours.

BIOLOGY 103. Life Science.—Studies and observations on the morphology, life processes, ecology and systematic arrangement of invertebrate animals and their role in the economy of man; discussions of the fundamental principles involved. Two hours lecture; four hours laboratory per week. Credit 4 hours.

BIOLOGY 104. Life Science.—Continuation of Biology 103. Emphasis on the morphology, physiology and life processes of arthropods and vertebrate animals. Two hours lecture; four hours laboratory per week. Prerequisite: Biology 103. Credit 4 hours.

BIOLOGY 107. Anatomy and Physiology.—A study of the structure and function of various body systems with emphasis on the skeletal, muscular and nervous mechanisms. Adapted to the needs of nursing students. Two hours of lectures; two hours of laboratory work per week. Credit 3 hours.

BIOLOGY 108. Anatomy and Physiology.—A continuation of Biology 107 with emphasis on the circulatory, respiratory, digestive, urinary, endocrine and reproductive systems. Two hours of lectures; two hours of laboratory work per week. Credit 3 hours.

BIOLOGY 203. Comparative Vertebrate Anatomy.—A consideration of the relationships of vertebrate groups; the structure and significance of various organs and systems of typical vertebrates, along with a discussion of the history and habitat of the various groups. Two hours lectures; four hours laboratory per week. Prerequisites: Biology 103-104. Credit 4 hours.

BIOLOGY 204. Fundamentals of Microbiology.—An introductory course familiarizing the student with some of the morphological characteristics and physiological activities of micro-organisms. Adapted to the needs of nursing students. Two hours of lectures; two hours of laboratory work per week. Prerequisites: Biology 107-108. Credit 3 hours.

BIOLOGY 205. Microtechnique and Histology.—Primarily a laboratory course devoted to preparation of tissues for microscopic study. Lectures offer an introduction to microscopic anatomy and theory of techniques and microscopic methods. Two hours lecture; four hours laboratory per week. Prerequisite: Biology 103-104 and Chemistry 101-102. Credit 4 hours.

BIOLOGY 212. General Botany.—Basic studies in plant life; the morphological and physiological organization, systematic grouping, ecological relationships, and economic importance of plants. Two hours lecture; two hours laboratory. Credit 3 hours.

BIOLOGY 301-A. General Human Physiology.—General treatment of function and activity in the human body, stressing the individual behavior of cells, tissues, organs, and systems in relation to each other, and in the coordinated activity of the human organism; consideration of work on contractility, conductivity, respiration, translocation of materials, and other problems in physiology. Two hours lecture; four hours laboratory. Prerequisite: Biology 103-104 and Chemistry 101-102; Physics 211-212 is recommended. Credit 4 hours.

BIOLOGY 301-B. General Human Physiology.—An introduction to human physiology, emphasizing the functional aspects of digestion, circulatory, respiratory, excretory, neuro-muscular, endocrine and reproductive mechanisms of the human body. Two hours lecture and discussion; two hours laboratory and demonstrations per week. Prerequisite: Biology 103-104. Credit 3 hours.

BIOLOGY 302. General Microbiology.—A presentation of the fundamentals of modern microbiology, particularly the morphology, classification, distribution, cultivation and observation, physiology,

and environmental relations of bacteria, yeasts, molds and certain protozoa; discussions of microorganisms in health, the home, agriculture, and industry. Two hours lecture; two hours laboratory per week. Prerequisite: Biology 103-104, Chemistry 101-102. Credit 3 hours.

BIOLOGY 304. Vertebrate Embryology.—A study of the developmental stages of the higher vertebrates, from fertilization to the adult form. The laboratory work consists of a study of various embryonic stages of the chick and pig. Two hours of lectures; four hours of laboratory work per week. Prerequisites: Biology 103-104. Credit four hours.

BIOLOGY 306. Invertebrate Zoology.—A comprehensive study of the life histories, physiology and evolution of invertebrate organisms with considerable emphasis on independent research. One hour lecture; four hours reports, demonstrations and experimentation per week. Prerequisite: Biology 103-104. Credit 3 hours.

BIOLOGY 307. Genetics.—Study and discussion of the laws and principles of heredity and variation as they relate to plants and animals with special reference to their application in the service of mankind. Evaluation of the experimental, bio-chemical, biometrical, cytological and embryological methods of approach. Three hours lecture and demonstrations; two hours laboratory per week. Prerequisites: Biology 103-104. Credit 3 hours.

BIOLOGY 311. Human Anatomy.—Special emphasis is placed on internal anatomy; circulation; and muscular, skeletal and nervous systems. Laboratory work consists of study of the cat; charts, models and skeleton of man. Two hours lectures; four hours laboratory per week. Prerequisites: Biology 103-104. Credit 4 hours.

BIOLOGY 401. General Entomology.—A study of the basic structure, physiology, classification and relationships of insects; discussion of the principles of behavior, sonification, specialization, metamorphosis, and development. Attention is given both injurious and beneficial insects. Two hours lecture; four hours laboratory and field work per week. Prerequisite: Biology 103-104. Credit 4 hours.

BIOLOGY 402. Introduction to Principles of Radiation Science.—An introduction to radiation physics, radiation chemistry and the use of radioisotopes as an investigative tool. A good portion of the course will be devoted to the biological effects of ionizing radiation and to its practical applications. Laboratory sessions will emphasize the use of instruments in measuring radiation, and the use of radioisotopes in chemical and biological analysis and investigation. Two hours lecture; four hours laboratory period per week. Prerequisites: One year each of biological science, chemistry, mathematics and the permission of the instructor. Credit 4 hours.

BIOLOGY 410. Special Problems in Biology.—A course in which advanced major students in biology who show exceptional capability and interest in the field are permitted to pursue an investigation. Arranged. Credit 1 or 2 hours each semester.

DEPARTMENT OF BUSINESS AND ECONOMICS

The Department of Business and Economics offers curricula leading to the Bachelor of Science Degrees in the following areas: Business Administration, Business Education, and Office Administration.

OBJECTIVES

The Department of Business and Economics attempts to serve students wishing to prepare themselves for careers in teaching, office administration, and for semi-administrative and managerial positions in public and private enterprises.

The Departmental objectives are:

- A. To contribute toward the individual's understanding of and appreciation for our changing economic society;
- B. To provide the knowledge and skills necessary for individuals to perform efficiently in the operation and management of business activities;
- C. To provide knowledge and skills for understanding and instituting methods and techniques necessary for modern business operations;
- D. To prepare students to teach business courses offered on the secondary and postsecondary levels;
- E. To prepare individuals to handle high level secretarial and office management positions in public and private enterprises.

Courses offered in the Department are designed to accomplish the above stated objectives.

BUSINESS ADMINISTRATION CURRICULUM REQUIREMENTS

The objectives of this curriculum are to prepare students for careers in business, industry, government, and for graduate study.

Students desiring to pursue a major in this area will follow a common core of courses for the first two years. Beginning with the Junior year, one of the three following major options should be chosen: General Business, Accounting, or Economics.

BUSINESS EDUCATION CURRICULUM REQUIREMENTS

The curricula in Business Education are to prepare qualified teachers of business education at the secondary and postsecondary school levels. The programs lead to a Bachelor of Science degree with teaching certificates of two forms. The non-stenographic curriculum with a concentration in general business and accounting is designed for students who wish to teach business subjects exclusive of the skills courses and other secretarial courses. The stenographic curriculum with a concentration in business education is to prepare and certify students to teach in all subject areas, stenographic and non-stenographic, at the secondary and postsecondary school levels. A minimum of 56 semester hours is required for an area of concentration in either the stenographic or non-stenographic curriculum.

It is possible for a student to complete a minor in a subject area of business education such as accounting; accounting-general business; accounting-secretarial science; economics-general business; general business-secretarial science; and secretarial science. A minimum of 21 semester hours is required for each teaching minor for certification. Students desiring to complete a minor in business education should contact a faculty member in the Department relative to the selection of courses for a minor area of concentration.

Students who wish to be certified as teachers for the federally reimbursed vocational business education program will follow the same curricula for major programs. However, not later than the sophomore year, students should have made known their desire for this form of certification in order that the work experience requirement can be satisfied within the four-year study period.

OFFICE ADMINISTRATION CURRICULUM REQUIREMENTS

This curriculum is planned for the training of persons qualified to handle secretarial and office management positions of some responsibility, including those of office supervisor, administrative secretary, and executive secretary.

Requirements for S. S. 103, 104, 211, and 212 are the same as those listed under the Business Education curriculum. All courses are offered every year unless otherwise stated.

CURRICULUM IN BUSINESS ADMINISTRATION

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition.....	3	Eng. 102—English Composition	3
Hist. 101—World Civilization.....	3	Hist. 102—World Civilization	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
*S.S. 100—Elementary Type.....	2	P.Ed. 221—Health and Safety Ed. 2	
Math 100—Fund. of Math.	3	B.A. 112—Business Mathematics....	3
B.A. 121—Intro. to Business.....	3	P.Ed. 102—Orientation in P.Ed.....	1/2
Ed. 100—Freshman Orientation.....	1/2	Elective	1-3
P.Ed. 101—Orientation in P.Ed.....	1/2		
			15 1/2-17 1/2
	18		

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
Fren. 101—Elementary French	3	Fren. 102—Elementary French	3
Soc. 201—Intro. Social Science	3	Soc. 202—Intro. Social Science	3
Econ. 211—Prin. of Economics	3	Econ. 212—Prin. of Economics.....	3
B.A. 261—Prin. of Accounting	4	B.A. 262—Prin. of Accounting.....	4
P.Ed. 201—Recreational Act.	1/2	P.Ed. 202—Recreational Act.	1/2
	16 1/2		16 1/2

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
P.S. 311—American Gov't.	3	Ed. 203—General Psychology	3
Econ. 311—Business Statistics	3	B.Ed. 204—Business Communica.	3
B.A. 321—Business Law	3	B.A. 322—Business Law	3
S.S. 325—Office Machines	2	Econ. 312—Business Statistics	3
B.A. 351—Prin. of Marketing	3	B.A. 333—Personnel Admin.	3
B.A. 361—Intermediate Account.	3	B.A. 362—Intermediate Account.	3
	17		18

*This course satisfies the typewriting requirement of two credit hours for Business Administration majors. Students who have one unit or more of typewriting on high school or other school record shall be required to take a proficiency examination. Those students who successfully pass the examination shall have the proficiency certified on permanent transcript in the Office of the Registrar.

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
B.A. 323—Business Organization....	3	Econ. 411—Money and Banking.....	3
Econ. 324—Labor Problems	3	B.A. 452—Prin. of Real Estate.....	3
Business Electives	9	B.A. 456—Corporation Finance....	3
		B.A. 490—Internship	3-6
	15		12-15

**CURRICULUM IN
BUSINESS EDUCATION (NON-STENOGRAPHIC)**

FRESHMAN YEAR

	First Semester	Hours	Second Semester	Hours	
Eng.	101—English Composition.....	3	Eng.	102—English Composition.....	3
Math.	100—Fund. of Math.....	3	B.A.	112—Business Math.....	3
Biol.	101—Life Science.....	3	Biol.	102—Life Science.....	3
Language Elective	101 or Hist. 101—World Civilization.....	3	Language Elective 102 or Hist. 102—World Civilization.....	3	
*S.S.	103—College Typewriting I.....	3	S.S.	104—College Typewriting II.....	3
P.Ed.	101—Orientation in P.Ed.....	1/2	P.Ed.	102—Orientation in P.Ed.....	1/2
Ed.	100—Freshman Orientation.....	1/2	P.Ed.	221—Health and Safety.....	2
		16		17 1/2	

SOPHOMORE YEAR

	First Semester	Hours	Second Semester	Hours	
Eng.	211—Intro. to Lit.....	3	Speech Elective 103 or 201.....	3-2	
Language Elective	101 or Hist. 101—World Civilization.....	3	Language Elective 102 or Hist. 102—World Civilization.....	3	
B.A.	261—Prin. of Accounting.....	4	B.A.	262—Prin. of Accounting.....	4
Soc.	201—Intro. to Soc. Sc.....	3	Soc.	202—Intro. to Soc. Sc.....	3
Econ.	211—Prin. of Economics.....	3	Econ.	212—Prin. of Economics.....	3
S.S.	325—Office Machines.....	2	S.S.	324—Records Management.....	1
		18		16-17	

JUNIOR YEAR

	First Semester	Hours	Second Semester	Hours	
B.A.	321—Business Law.....	3	Phil.	300—Intro. to Philosophy.....	3
B.A.	361—Interm. Accounting.....	3	B.Ed.	360—Prin. of Bus. Ed.....	3
Ed.	203—General Psychology.....	3	Ed.	222—Human Dev. & Psy. II.....	3
Ed.	321—Prin. of Education.....	3	B.Ed.	204—Bus. Communications.....	3
Sci.	201—Intro. to Phy. Sc.....	3	**Business Elective(s).....	3-6	
Business Elective	.....	3			
		18		15-18	

*Persons who have one unit or more of typewriting on high school or other school record shall be required to take a placement examination. On the basis of test results, they shall be admitted to either S.S. 100 or S.S. 103. Business Education and Office Administration majors will be required to complete S.S. 103 and S.S. 104 unless they can prove their ability to satisfy the requirements for S.S. 103 by an examination.

SENIOR YEAR

	First Semester	Hours	Second Semester	Hours	
B.A.	351—Prin. of Marketing.....	3	B.Ed.	400—Methods and Materials in Bookkeeping and Social Business Subjects.....	3
Ed.	442—Audio Visual Ed.....	3	Ed.	412—Admin. of Public Schools.....	3
B.Ed.	410—Issues in Vocational and Technical Ed.....	3	Ed.	452—Fund. of Secondary Ed.....	3
B.Ed.	442—Office Management.....	3	Ed.	400—Supervised Teaching.....	8
B.Ed.	412—Educational Measurement in Business Education.....	3			
B.A.	490—Business Internship.....	3			
		18		17	

**Elective should be chosen from B. A. 362, 461, 462, 481, and 482, the Accounting sequence; B. A. 319 and other Data Processing courses; B. A. 322, 333, 323, 452, 453, 454, and 456, the General Business Administration sequence.

**CURRICULUM IN
BUSINESS EDUCATION (STENOGRAPHIC)**

FRESHMAN YEAR

	First Semester	Hours	Second Semester	Hours	
Eng.	101—English Composition.....	3	Eng.	102—English Composition.....	3
Biol.	101—Life Science.....	3	Biol.	102—Life Science.....	3
Hist.	101—World Civilization or	3	Hist.	102—World Civilization or	3
Language Elective	.....	3	Language Elective	.....	3
*S.S.	103—College Typewriting I.....	3	S.S.	104—College Typewriting II.....	3
Math.	100—Fund. of Math.....	3	B.A.	112—Business Mathematics.....	3
Ed.	100—Freshman Orientation	1/2	Ed.	100—Freshman Orientation	1/2
P.Ed.	101—Orientation in P.Ed.....	1/2	P.Ed.	102—Recreational Act.....	1/2
			P.Ed.	101—Recreational Act.....	1/2
			P.Ed.	221—Health & Safety Ed.....	2
				17 1/2	
				16	

SOPHOMORE YEAR

	First Semester	Hours	Second Semester	Hours	
Eng.	211—Intro. to Lit.....	3	Eng.	Speech Elective 103 or 201.....	3-2
S.S.	211—Elementary Stenog.....	3	S.S.	212—Advanced Stenog.....	3
Hist.	101—World Civilization or	3	Hist.	102—World Civilization or	3
Language Elective	.....	3	Language Elective	.....	3
Soc.	201—Intro. to Soc. Sc.....	3	Soc.	202—Intro. to Soc. Sc.....	3
B.A.	261—Prin. of Accounting.....	4	B.A.	262—Principles of Acct.....	4
S.S.	324—Records Management.....	1	S.S.	325—Office Machines.....	2
				17	
				17-18	

JUNIOR YEAR

	First Semester	Hours	Second Semester	Hours	
Sci.	201—Intro. to Phy. Sci.....	3	B.Ed.	360—Prin. of Bus. Ed.....	3
S.S.	311—Dictation and Trans.....	3	S.S.	421—Secretarial Pract.....	3
B. A.	321—Business Law I.....	3	B. Ed.	204—Business Communica.....	3
Econ.	211—Prin. of Economics.....	3	Ed.	222—Human Dev. & Psy. II.....	3
Ed.	203—General Psychology.....	3	Electives in Business	.....	3
			Econ.	212—Prin. of Economics.....	3

*Persons who have one unit or more of typewriting on high school or other school record shall be required to take a placement examination. On the basis of test results, they shall be admitted to either S. S. 100 or S. S. 103. Business Education and Office Administration majors will be required to complete S. S. 103 and S. S. 104 unless they can prove their ability to satisfy the requirements for S. S. 103 by an examination.

SENIOR YEAR

	First Semester	Hours	Second Semester	Hours	
Soc.	305—Contemporary Soc. Prob.....	3	B.Ed.	400—Meth. & Materials in Bookkeeping & Social Business Subjects.....	3
B.Ed.	412—Ed. Measurement in Bus. Ed.....	3	B.Ed.	402—Meth. & Materials in Secretarial Subjects.....	3
B.Ed.	410—Issues in Voc. and Tech. Ed.....	3	Ed.	412—Admin. of Public Schools.....	3
B.Ed.	442—Office Management.....	3	Ed.	442—Audio Visual Aids.....	3
Ed.	452—Fund. of Secondary Ed.....	3	Ed.	452—Fund. of Secondary Ed.....	3
				17	
				18	

CURRICULUM IN OFFICE ADMINISTRATION

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
Math. 100—Fund. of Math.	3	B.A. 112—Business Mathematics	3
*S.S. 103—College Typ. I	3	S.S. 104—College Typ. II	3
Ed. 100—Freshman Orientation	½	P.Ed. 221—Health & Safety Ed.	2
P.Ed. 101—Orient. in P.Ed.	½	P.Ed. 102—Orient. in P.Ed.	½
	16		17½

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—Intro. to Lit.	3	Eng. 212—Intro. to Lit.	3
B.A. 121—Intro. to Business	3	B.A. 262—Prin. of Accounting	4
B.A. 261—Prin. of Accounting	4	S.S. 212—Advanced Stenog.	3
S.S. 211—Elementary Stenog.	3	Soc. 202—Intro. to Soc. Sc.	3
Soc. 201—Intro. to Soc. Sc.	3	P.Ed. 202—Recreational Act.	½
S.S. 324—Records Management	1	Business Elective	3
P.Ed. 201—Recreational Act.	½		
	17½		16½

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Language Elective	3	Language Elective	3
S.S. 311—Dictation & Trans.	3	B.A. 333—Personnel Admin.	3
Econ. 211—Prin. of Economics	3	Econ. 212—Prin. of Econ.	3
B.A. 321—Business Law I	3	B.A. 322—Business Law II	3
B.A. 323—Business Org. & Management	3	B.Ed. 204—Business Communica.	3
S.S. 325—Office Machines	2	Optional Business Elective	(3)
	17		15-18

*Persons who have one unit or more of typewriting on high school or other school record shall be required to take a placement examination. On the basis of test results, they shall be admitted to either S.S. 100 or S.S. 103. Business Education and S.S. 104 unless they can probe their ability to satisfy the requirements for Education and Office Administration majors will be required to complete S.S. 103 and S.S. 104 unless they can probe their ability to satisfy the requirements for S.S. 103 by an examination.

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Speech Elective 103 or 201	3-2	Econ. 411—Money and Banking	3
P.S. 311—American Govt.	3	S.S. 422—Secretarial Office	6
Soc. 401—Social Psychology	3	Internship	6
B.Ed. 442—Office Management	3	Electives	6
S.S. 421—Secretarial Practice	3		
Elective	3		
	17-18		15

COURSE DESCRIPTIONS

ACCOUNTING

BUSINESS ADMINISTRATION 261. Principles of Accounting. A study of the fundamental principles of accounting as they apply to modern business practice, including the theory of debit and credit, accounting records of various kinds, simple balance sheets and income statements. Three lectures and three laboratory periods each week. Credit, 4 hours.

BUSINESS ADMINISTRATION 262. Principles of Accounting. In this course the student is acquainted with accounting fundamentals in handling investments, manufacturing operations, and analyzing financial statements. Prerequisite: B. A. 261. Credit, 4 hours.

BUSINESS ADMINISTRATION 361. Intermediate Accounting. A study of the trends in accounting practice, an analysis of financial statements, and an analysis of partnership and corporation accounting. Prerequisite: B. A. 262. Credit, 3 hours.

BUSINESS ADMINISTRATION 362. Intermediate Accounting. A continuation of the analysis of financial statements; includes investments, fixed assets, source and application of funds, income determination and liabilities. Prerequisite: B. A. 361. Credit, 3 hours.

BUSINESS ADMINISTRATION 461. Governmental Accounting. A study of budgetary controls, systems, theories and an application of the principles of fund accounting and reporting for governmental units. Prerequisite: B. A. 361. Credit, 3 hours.

BUSINESS ADMINISTRATION 462. Federal Income Taxation. Interpretation of federal income tax laws. Rules and regulations applicable to individual, estate and trust. Attention is given to court decisions and internal revenue procedures. Prerequisite: B. A. 361. Credit, 3 hours.

BUSINESS ADMINISTRATION 463. Advanced Federal Income Tax Procedures. Interpretation of federal income tax laws. Rules and regulations applicable to partnerships, corporations, reorganizations, fiduciaries, and gift. Attention is given to research in federal income taxation, court decisions, and internal revenue procedures. Prerequisite: B. A. 462. Credit, three hours.

BUSINESS ADMINISTRATION 481. Cost Accounting. A study of the principles, practices, and procedures involved in collecting, assembling, analyzing, and controlling manufacturing costs: material, labor, and overhead. Prerequisite: B. A. 361. Credit, 3 hours.

BUSINESS ADMINISTRATION 482. Auditing. A study of auditing to include the history, scope of service, ethics and responsibilities. Auditing techniques and procedures used in independent audits

are discussed and applied to a continuous practice problem. Consideration is given to the types, limitations and contents of audit working papers, audit reports as prepared by the independent audit. Prerequisite: 362. Credit, 3 hours.

BUSINESS ADMINISTRATION 483. Accounting Theory. An analysis of the accounting concepts and procedures with particular emphasis on the reasoning behind the methods of measuring income, determination of costs, and the investigation of the financial position of the organization. Prerequisite: B. A. 361. Credit, 3 hours.

BUSINESS ADMINISTRATION

BUSINESS ADMINISTRATION 112. Business Mathematics. The development of arithmetic skills and the application of these to business problems including mark-up, insurance, partnership and corporation problems, sinking funds, interest, present values and annuities. Credit, 3 hours.

BUSINESS ADMINISTRATION 121. Introduction to Business. A study of the fundamental principles of business organization, finance, banking, credit management, salesmanship, and advertising. Required of all business majors and prerequisite to all business courses. Credit, 3 hours.

BUSINESS ADMINISTRATION 319. Electronic Data Processing. Provides the opportunity to develop an understanding of and an appreciation for the tools of data processing by dealing with the basic functions and operation of IBM punched card equipment. Prerequisite: None. Credit, 3 hours.

BUSINESS ADMINISTRATION 321-322. Business Law. A study of the legal aspects of business relating to contracts, agency, negotiable instruments, organization, real and personal property, and the application of legal theories to cases. Prerequisite: Junior standing. Credit, 3 hours for each course.

BUSINESS ADMINISTRATION 323. Principles of Management. The purpose of this course is to give the student a working knowledge of fundamental principles underlying the management of business enterprises. The student is acquainted with methods of identifying and evaluating the influence upon a business enterprise, and then given a comprehensive view of modern practices of planning, supervising, organizing and controlling various functional activities. Prerequisite: Econ. 212. Credit, 3 hours.

BUSINESS ADMINISTRATION 333. Personnel Administration. An examination of supervision of employees and the development of policies relating to effective utilization of human resources in business concerns. Prerequisite: Econ. 212. Credit, 3 hours.

BUSINESS ADMINISTRATION 351. Principles of Marketing. Study of the movement of goods from producers to consumers and an examination of the functions of the marketing process, marketing institutions, channels of distribution, legal aspects and policy considerations. Prerequisite: Econ. 212. Credit, 3 hours.

BUSINESS ADMINISTRATION 452. Principles of Real Estate. A study of real estate economics, including the real estate business contract, financing, real estate law and valuation. Prerequisite: B. A. 322. Credit, 3 hours.

BUSINESS ADMINISTRATION 453. Principles of Retailing. This course is designed to acquaint the student with such fundamentals of buying, sales promotion, pricing, control and store finance of various retail enterprises, and how they operate to serve both consumer and producer of commodities. Prerequisite: B. A. 351. Credit, 3 hours.

BUSINESS ADMINISTRATION 454. Principles of Insurance. A survey of the backgrounds, vocabulary, principles and practices of all forms of insurance. Attention is given to social insurance and to risk-bearing in the five principal kinds of commercial insurance (fire, casualty, marine, life, and corporate suretyship) and to their supervision by public authority. Prerequisite: junior standing. Credit, 3 hours.



BUSINESS ADMINISTRATION 456. Corporate Finance. An examination of the principles of financing capital and securities for business organizations. Prerequisite: B. A. 323. B. A. 261 and Economics 212. Credit, 3 hours.

BUSINESS ADMINISTRATION 490. Business Internship. Work experience under college supervision. Senior standing required.

BUSINESS EDUCATION

BUSINESS EDUCATION 204. Business Communication. Emphasis is placed on communication theory and its application primarily to business writings — letters, memorandums, and reports — with correct and forceful English. Techniques for effective dictation and procedures used for solving internal business reporting problems are also included. Prerequisites: S. S. 100 or the equivalent, English 101 and 102. Credit, 3 hours.

BUSINESS EDUCATION 360. Principles of Business Education. Consideration of the philosophy and the problems underlying practices and methods in the teaching of general business, bookkeeping, shorthand, typewriting, and related business subjects offered in secondary and postsecondary institutions. Credit, 3 hours.

BUSINESS EDUCATION 400. Methods and Materials in the Teaching of Bookkeeping and Social Business Subjects. Methods, materials, and techniques used in the teaching of bookkeeping, accounting, general business, and other social business subjects. Prerequisite: Business Education 360. Credit, 3 hours.

BUSINESS EDUCATION 402. Methods and Materials in the Teaching of Secretarial Subjects. Special methods, techniques, and devices used in the teaching of shorthand, typewriting, secretarial office practice, and other skills courses. Prerequisite: Business Education 360. Credit, 3 hours.

BUSINESS EDUCATION 410. Issues in Vocational and Technical Education. Analyses of the major issues and problems in the development of vocational and technical education; of forces, policies, and influences particularly of federal, state, and local governmental agencies. Credit, 3 hours.

BUSINESS EDUCATION 412. Educational Measurement in Business Education. Principles of tests and testing and evaluation theories are presented for specific business subjects; selection of tests and constructing tests; analyzing and interpreting test scores; converting test scores to school grades; and determining the statistical validity and reliability of tests. Prerequisites: Mathematics 100, B. A. 112, S. S. 325, B. Ed. 360, or senior standing. Credit, 3 hours.

BUSINESS EDUCATION 442. Office Management. Problems involved in planning and directing the function of business and professional offices, including office building, layout, form construction, systems, management, and the preparation of office manuals. Credit, 3 hours.

ECONOMICS

ECONOMICS 211. Principles of Economics I. This course introduces the student to the general field of Economics. It treats the background of our economy, production, a study of money and the banking system. Credit, 3 hours.

ECONOMICS 212. Principles of Economics II. A continuation of Economics 211. This course includes a study of distribution theory, government finance, business fluctuations, labor problems and industrial relations, international trade, and various economic systems. Prerequisite: Economics 211. Credit, 3 hours.

ECONOMICS 311-312. Business Statistics. The study of the theories and techniques of statistical methods applicable to economics and business and the development of tools necessary for decision-making as employed in research. Prerequisite: B. A. 112 and Economics 212. Credit, 3 hours for each course.

ECONOMICS 323. Intermediate Micro-economic Theory. The course is designed to provide an intensive study of economic analyses of consumption, output, price, and factor proportion problems of forms in different market structures, and distribution of income. Prerequisite: Economics 212. Credit, 3 hours.

ECONOMICS 324. Labor Problems. A study of the labor market and the labor movement. Among the labor problems studied are wage rates, unemployment, industrial accidents and workmen's compensation, and industrial disputes. Emphasis is placed on the relationship between the organized labor movement and other groups in our economy. Prerequisite: Economics 212. Credit, 3 hours.

ECONOMICS 325. Comparative Economic Systems. A study of the ideologies and functionings of Capitalism, Communism, Fascism, and Socialism. Emphasis is placed on the operation of basic economic institutions and the manner in which various economic principles and theories operate in each of the systems. Prerequisite: Economics 212. Credit, 3 hours.

ECONOMICS 329. International Economics. A description and analysis of the international economic relationships among the nations of the world with emphasis on the United States, international trade in merchandise, services, unilateral transfers or directions, and international capital movements are examined to-

gether with balances of payments and the international monetary system. Both the institutions and theory of international economic relations are explored. Prerequisite: Economics 212. Credit 3 hours.

ECONOMICS 401. Public Finance and Taxation. An examination of the collections and expenditures of public funds, and systems of taxation. Prerequisite: Economics 212. Credit, 3 hours.

ECONOMICS 411. Money and Banking I. A study of our monetary and banking systems. Emphasis is placed on the role of the Federal Reserve System. Prerequisite: Economics 212. Credit, 3 hours.

ECONOMICS 412. Money and Banking II. A continuation of Economics 411. Emphasis is placed on monetary theories, relationship of money to credit and prices, and current monetary problems. Prerequisite: Economics 411. Credit, 3 hours.

ECONOMICS 422. Current Economics. An application of economic theories and principles of contemporary economic problems. Prerequisite: Economics 212. Credit, 3 hours.

OFFICE ADMINISTRATION

SECRETARIAL SCIENCE 100. Elementary Typewriting. Basic typewriting instruction designed to develop proficiency in the use of the typewriter in communications. For minimum proficiency, student should be able to typewrite simple letters, tables, and manuscripts in satisfactory form, arrangement, and appearance, and within reasonable periods of time. Student should attain the skill to typewrite a minimum of 35 words per minute on straight copy material for five minutes with a high degree of accuracy. Credit, 2 hours.

SECRETARIAL SCIENCE 103. College Typewriting I. Admission by examination or the successful completion of S. S. 100. Along with measurement of straight copy progress, emphasis is placed upon the application of typewriting to business office jobs: business letters, business forms, tabulations, manuscripts, and legal documents. Required for Business Education and Office Administration majors. Credit, 3 hours.

SECRETARIAL SCIENCE 104. College Typewriting II. Emphasis is placed upon production work, incorporating a complex of office problems requiring the use of the typewriter for solutions. High level skill in handling the various types of duplicating jobs and typing from machine dictation are abilities to be developed in this course. Required of Business Education and Office Administration majors. Prerequisite: S. S. 103 or admission by examination. Credit, 3 hours.

SECRETARIAL SCIENCE 105. Notetaking. A course designed to facilitate the notetaking ability of students. It has as its objective to improve, learning, extend retention, increase study efficiency through effective techniques of listening, reading, and notetaking. Credit, 3 hours.

SECRETARIAL SCIENCE 211. Elementary Stenography. A mastery of the principles of Gregg Shorthand with emphasis on the reading and writing of shorthand notes. Credit, 3 hours.

SECRETARIAL SCIENCE 212. Advanced Stenography. Continuation of Secretarial Science 211. Emphasis is upon speed and accuracy in recording dictation and transcribing. Prerequisite: Secretarial Science 211 or its equivalent. Credit, 3 hours.

SECRETARIAL SCIENCE 311. Dictation and Transcription. Emphasis is placed upon dictation for mailable transcripts. Prerequisite: Secretarial Science 212. Credit, 3 hours.

SECRETARIAL SCIENCE 324. Records Management. Emphasis is placed on principles of applying scientific control to creating, processing, filing, maintaining, protecting, and disposing of an organization's records. Two class meetings per week. Credit, 1 hour.

SECRETARIAL SCIENCE 325. Office Machines. The application of desk-top calculators to mathematical, accounting, and statistical problems. Students solve problems through the use of add-listing, rotary, printing, key drive, and electronic calculators. Prerequisite: B. A. 112. Credit, 2 hours.

SECRETARIAL SCIENCE 421. Secretarial Practice. An integrated course combining the skills in shorthand, typewriting and accounting. Concerned with the taking of minutes, report writing, manuscripts, office style dictation and the solving of problems which arise in the office. Prerequisites: Secretarial Science 201 and 212. Credit, 3 hours.

SECRETARIAL SCIENCE 422. Secretarial Office Internship. Work in business offices for approximately 15 hours per week for nine weeks. Prerequisite: the completion of all required courses in major field. Credit, 6 hours.

DEPARTMENT OF CHEMISTRY

The Department of Chemistry offers instruction in the fundamental facts and principles of chemical science for students:

- (1) Who plan graduate and professional studies.
- (2) Who plan careers in elementary and secondary teaching.
- (3) Who plan for positions in vocational and technical home economics and for medical and laboratory technicians.

(4) The general student who is interested in the cultural aspects of Chemistry.

(5) As a service to other departments of the college.

Students majoring or minoring in Chemistry must include Courses 101, 102, and 201 in the respective 24 or 18 hour requirement for majors and minors. All courses are offered every year unless otherwise stated.



CURRICULUM

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Biol. 103—Life Science	4	Biol. 103—Life Science	4
Math. 101—College Algebra	3	Math. 102—Trigonometry	3
Chem. 101—General Chemistry	4	Chem. 102—General Chemistry	4
Educ. 100—Freshman Orientation	1/2	P. Ed. 102—Orient. in Physical	
P. Ed. 101—Orient. in Physical	1/2	Educ.	1/2
Educ.	1/2		
	18		17 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
Educ. 203—General Psychology	3	Educ. 222—Human Devel. &	
Fren. 101—Elementary French	3	Psych. II	3
Soc. 201—Intro. to Social Sci.	3	Fren. 102—Elementary French	3
Math. 201—Plane Analytic		Soc. 202—Intro. to Social Sci.	3
Geometry	3	Chem. 202—Organic Chemistry	4
Chem. 201—Organic Chemistry	4		
or		Chem. 204—Volumetric Analysis	
Chem. 203—Gravimetric Analysis		P. Ed. 221—Health & Safety Ed.	2
P. Ed. 201—Recreational Activities	1/2	P. Ed. 202—Recreational Activities	1/2
	19 1/2		18 1/2

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Fren. 201—Inter. French	3	Fren. 202—Inter. French	3
Sci. 211—General Physics	4	Sci. 212—General Physics	4
Math. 203—Calculus	3	Math. 204—Calculus	3
Chem. 203—Gravimetric Analysis	4	Chem. 204—Volumetric Analysis	4
or			
Chem. 201—Organic Chemistry		Chem. 202—Organic Chemistry	3
Soc. 305—Contemporary Soc.		Elective	
Prob.	3		
			17

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Ed. 452—Fund. Sec. Ed.	3	Ed. 401S—Methods of Tchg. Sci.	3
Chem. 305—Bio-Chemistry	4	Chem. 401—Problems in Chem.	2
or		Ed. 412—Admin. of Public	
Chem. 307—Physical Chem.		Schools	3
Econ. 211—Prin. of Econ.	3	Ed. 400—Supervised Teaching	8
Phil. 300—Intro. to Philosophy	3		
Elective	2-3		
		15-16	16

COURSE DESCRIPTION

CHEMISTRY 101. General Chemistry. This course is devoted to giving the student a thorough acquaintance with the fundamental modes of thought of the chemist. The laws and theories of Chemistry are taken up essentially from the experimental standpoint. The course is built up around the laboratory work, which includes experiments performed by the individual student, illustrating the properties of certain non-metallic elements and their compounds, the laws on which the atomic theory is based, properties of gases, liquids and solids, solutions, theory of ionization, laws of mass action. The laboratory work is supplemented by classroom work in which these topics are discussed. Lecture two hours per week; laboratory four hours per week. Credit, 4 hours.

CHEMISTRY 101. General Chemistry. A general introductory study of organic and inorganic compounds and their application in human biochemistry. Two hours lecture; two hours laboratory per week. Credit, 4 hours.

CHEMISTRY 102. General Chemistry. A continuation of Chemistry 101. The relations of the elements to each other are emphasized in connection with the periodic system. Qualitative analysis is introduced. The lecture and recitation include a study of solutions and balancing of equations. The laboratory work includes a study of the methods of separating and identifying the common metals and acid radicals. Lecture two hours; laboratory four hours. Credit, 4 hours.

CHEMISTRY 201. Organic Chemistry. Prerequisite: Chemistry 102. A course dealing with the chemistry of carbon compounds. Special emphasis is laid upon the relationship existing between the

various groups of the aliphatic series of carbon compounds and their derivatives. Lecture two hours; laboratory four hours. Credit 4 hours.

CHEMISTRY 202. Organic Chemistry. Prerequisite: Chemistry 201. A continuation of Chemistry 201, covering such topics as tautomerism, stereo-isomerism, the sugars, and the aromatic compounds. Lecture two hours; laboratory four hours. Credit, 4 hours.

CHEMISTRY 203. Gravimetric Analysis. A course dealing principally with gravimetric methods of analysis. Special emphasis is laid upon the physio-chemical principles. Lecture two hours; laboratory four hours. Credit, 4 hours.

CHEMISTRY 204. Volumetric Analysis. Prerequisite: Chemistry 203. This course deals with volumetric analysis, theory and practices; acidometry-alkalimetry, oxidation-reduction, iodimetry, study of indicators, and problems. Lecture two hours; laboratory four hours. Credit, 4 hours.

CHEMISTRY 302. Chemical Literature. This source has two main objectives; 1. to expose the student to contemporary Chemical Literature, 2. to acquaint the student with those methods and approaches which will enable him to search past records for needed information in the profession of Chemistry. Open to Juniors or Seniors. Credit, 2 hours.

CHEMISTRY 305. Bio-Chemistry. Prerequisites: Chemistry 201 and 203. This course deals with the processes common to plants and animals. Such topics as the chemical processes in photosynthesis and respiration will be treated in detail. Adequate time and treatment will be given to a discussion of the various food groups, organic catalysts, digestion et cetera. Lecture two hours; laboratory four hours. Credit, 4 hours.

CHEMISTRY 307. Physical Chemistry. Elementary Physical Chemistry. Prerequisite: Permission of instructor. This course is devoted to a discussion of the fundamental principles of physical chemistry including such topics as the gas laws, Kinetic theory, thermodynamics, reaction rates, surfaces, introductory quantum and statistical mechanics. The laboratory work consists of experiments illustrative of the various laws and processes of physical chemistry. Lecture two hours; laboratory four hours. Credit, 4 hours.

CHEMISTRY 314. Quantitative Analysis II Instrumental Analysis. This course has as a prerequisite one semester of physical chemistry and a second course in physical chemistry corequisite. The course will include modern instrumental methods of analysis, including spectrophotometric, chromatographic, and electro-analytical techniques. The fundamental techniques and classical theory of general

chemistry and elementary quantitative analysis will be utilized. Lecture 2 hours, laboratory 4 hours. Credit, 4 hours.

CHEMISTRY 400. Advanced Inorganic Preparations. Prerequisite: Chemistry 204. This is mostly a laboratory course in which the student is required to use standard procedures for the preparation of pure inorganic compounds. Lecture one hour; laboratory six hours. Credit, 4 hours.

CHEMISTRY 401. Problems in Chemistry. This course emphasizes special study of interest for major students. Open to Juniors and Seniors who might qualify and who show promise in the field. Credit, 4 to 6 hours.

PHYSICAL SCIENCES

SCIENCE 201-202. Introduction to Physical Sciences. A general course through which the student will become acquainted with the physical phenomena about him and with methods of scientific inquiry through which an intelligent understanding of these phenomena may be attained. Credit, 3 hours for each course.

DEPARTMENT OF EDUCATION— PSYCHOLOGY

The courses and curricula of the Department of Education and Psychology are designed with the following objectives in view:

1. To provide the general student as well as the prospective teacher:
 - (a) a knowledge of the process of human growth and development,
 - (b) an understanding of the educational process to which he is being subjected,
 - (c) an appreciation of education as a fundamental social institution,
 - (d) a knowledge of the requirements in the Commonwealth of Kentucky for obtaining teachers' certificates for the elementary and secondary levels and for supervisory and administrative posts.
2. To develop an understanding of the organization, support and functions of schools in a democracy.
3. To equip the student planning to teach to create the climate for and to utilize the skills necessary to the direction of learning of elementary or secondary pupils.

All courses are offered every year unless otherwise stated.

ADMISSION TO TEACHER EDUCATION

The following requirements shall apply to any student who is planning to qualify to teach on the elementary or secondary level.

1. Each student is required to file with the Committee on Teacher Education an application for admission to teacher education, on the official form provided, no later than the end of the sophomore year or during the semester in which he will have earned sixty semester hours; his application must be accompanied by a personal data form, containing a small photo of himself, and an autobiographical sketch of at least two pages in his own handwriting. The Committee on Teacher Education encourages each student to make a searching comparison of himself to the following "Image of a Prospective Teacher." An alert, resourceful person of good moral character who exemplifies the following basic traits: (1) a strong desire to learn, (2) a strong desire to become a good teacher, (3) faith in human beings, (4) a genuine interest in people, especially young people, (5) the ability to work well with others, (6) a saving sense of humor, (7) willingness to go beyond call of duty in hours of study and in school and community activities, and (8) willingness to be subjected to and to subject one's self to continuous critical appraisal.
2. The Committee will review each student's application and notify the applicant by letter that his application for admission to teacher education:
 - a. has been approved, subject to continued satisfactory progress; or
 - b. has been approved conditionally, subject to continued satisfactory progress, with the understanding that the minor deficiencies listed in the letter be corrected immediately; or
 - c. has been disapproved, with the suggestion that he apply at a later date when the major deficiencies listed in the letter have been corrected; or
 - d. has been disapproved, with referral for guidance concerning some other vocational choice.
3. Applicants who meet in full the following standards will be approved for admission to teacher education, subject to continued satisfactory progress.

Standard 1. The applicant must have a minimum of 60 semester hours of college credit.

Standard 2. Applicants must have an overall point average of 2.0 or above.

Standard 3. The applicant must have credit for English 101 and English 102 with a grade of "C" or above in each course.

Standard 4. The applicant must have a grade of "C" or above in each course taken in the Department of Education and Psychology.

Standard 5. The applicant must have credit for Human Growth and Development (Education 221, or Education 222) with a grade of "C" or above.

Standard 6. The applicant must attain a passing score on the 150 word K.S.C. Teacher Education Spelling Test.

Standard 7. The applicant must have a clearance from the Office of the Dean of Students.

Standard 8. The applicant must have the recommendation of the Department of Education.

4. Applicants may be admitted conditionally with the following minor deficiencies, subject to immediate correction and continued satisfactory progress:
 - a. An unsatisfactory autobiographical sketch.
 - b. A conditional score on the K.S.C. Teacher Education Spelling Test.
 - c. An incomplete personal data form.
5. The Committee may withdraw a student from teacher education at any time based upon one or more of the following:
 - a. Unsatisfactory academic progress.
 - b. Disciplinary action by the college against the student because of conduct which would indicate character weaknesses of such a nature as to make him unfit for the teaching profession.
 - c. Failure to remove deficiencies which were listed at the time of conditional admission to teacher education.
6. The student may withdraw officially from the teacher education program by proper written notice to the Chairman of the Committee.
7. An applicant who has been disapproved for admission to the teacher education program will be permitted to file a supplementary application during the first semester of the junior year, or that semester during which a total of seventy-five semester hours will have been attained, provided all deficiencies will have been removed by that time. The student will not be permitted to file a third application if rejected by the Committee a second time.

8. No student will be admitted into the program of teacher education after the first semester or the junior year. Exception to this rule will be made only for those students who transfer to Kentucky State College after earning seventy-five to ninety hours of acceptable credits elsewhere. Such students must obtain the permission of the Dean of Instruction in order to apply. Such an applicant must meet all of the standards specified above in order to obtain Committee approval.
9. The College, operating through the Committee, retains the right to change, modify, or add to the above requirements at any time. The student should check with the Head of the Department of Education concerning the most recent regulations.

ADMISSION TO SUPERVISED TEACHING

1. Each student who plans to qualify to teach on the elementary or secondary level is required to file with the Committee on Teacher Education an application for supervised teaching no later than the end of the junior year accompanied by a properly completed form on personal data. His application shall designate the specific nine weeks period during which he plans to do supervised teaching.
2. The applications of students from each department will be reviewed by the Committee, which for this purpose shall be enlarged to include on a temporary basis, if he is not already a member of the Committee, the head of the department concerned, who will thus make a sixth member while the applications from his department are being considered.
3. After review of the student's application the Committee will notify the applicant by letter that his application for admission to supervised teaching:
 - a. has been approved, subject to completion of all prerequisites and the attainment and maintenance of the required standard for admission at the time he is scheduled to enroll for the course in supervised teaching; or
 - b. has been disapproved, with a statement of the reasons for disapproval.
4. Each applicant who meets in full the following standards will be approved for admission to supervised teaching, subject to the completion of all prerequisites and maintenance

of the required standards at the time he is scheduled to enroll in the course in supervised teaching.

- Standard 1. The applicant must have a minimum of 90 semester hours of college credit.
- Standard 2. The applicant must have an overall point average of 2.20 or above.
- Standard 3. The applicant must have an average of 2.20 or above in his major courses.
- Standard 4. The applicant must have a grade of "C" or above in each professional course which is a prerequisite to student teaching.
- Standard 5. The applicant must have completed a course in Human Growth and Development (Education 221 or Education 222) with a grade of "C" or above.
- Standard 6. The applicant must have credit in English 211 and 212—Introduction to Literature with a grade of "C" or above in each course.
- Standard 7. The applicant must have the recommendation of his major department.
- Standard 8. The applicant must have the recommendation of the Department of Education and Psychology.



Standard 9. The applicant must have clearance from the Dean of Students.

Standard 10. The applicant who is majoring in a secondary education program must have satisfactorily completed a ten day September Field Experience.*

5. The student must be approved for student teaching at least by the semester prior to the one during which he hopes to teach.

6. In the event a student, who has been approved for admission to supervised teaching, does not complete all prerequisites or maintain the required standards for admission at the time he is scheduled to enroll for the course in supervised teaching, his case shall be subject to review by the Committee before he is permitted to enroll for student teaching at a later date.

*At the beginning of their junior year, students who plan to do supervised teaching at the secondary level are required to visit for ten days a school of their choice to engage in a September Field Experience before the Fall Semester begins at the College. While engaged in this activity, such students may not be enrolled in any course or involved in any other project.

CURRICULUM IN ELEMENTARY EDUCATION

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Foreign Language Elective	3	Foreign Language Elective	3
Ed. 101—Arts and Crafts I	3	Ed. 102—Arts and Crafts II	3
Ed. 100—Freshman Orientation	1/2	P.Ed. 102—Orientation in P.Ed.	1/2
P.Ed. 101—Orientation in P.Ed.	1/2		
	16		15 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
Sci. 201—Intro. to Physical Sci.	3	Sci. 202—Intro. to Physical Sci.	3
Soc. 201—Intro. to Social Sci.	3	Soc. 202—Intro. to Soc. Sci.	3
Foreign Language Elective	3	Foreign Language Elective	3
Ed. 116—Manuscript Writing	1	Eng. 202—Children's Lit.	3
Ed. 203—General Psychology	3	Ed. 221—Human Develop. & Psy. I	3
P.Ed. 221—Health and Safety Ed.	2	P.Ed. 202—Recreational Act.	1/2
P.Ed. 201—Recreational Act.	1/2		18 1/2

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Ed. 202—Fund. of Elem. Ed.	4	Ed. 212—Teaching of Reading	3
Soc. 102—Prin. of Geography	3	Soc. 211—Geography of N. A.	3
Math. 103—Foundations of Math.	3	Soc. 305—Contemp. Soc. Prob.	3
Mus. 333—Music Fundamentals	3	Math. 104—Foundations of Math.	3
P.Ed. 141—Beginning Folk and Square Dancing	2	English Elective	3
Elective	3		2
		18	17

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Econ. 211—Prin. of Economics	3	Ed. 422—Prob. of Tchg. in Elem. Schools	3
Mus. 334—Music for Elem. Teachers	3	Elective	4
Ed. 412—Admin. of Pub. Sch.	3	Ed. 400—Supervised Teaching	8
Math. 314—Teachers' Arithmetic	3		
Ed. 423—Tchg. Sci. of Elem. Schools	3		
Ed. 424—Foundations of Ed.	3		
	18		15

*Formerly Elementary School Rhythms.

**In place of Soc. 305—Contemporary Social Problems and Econ. 211—Principles of Economics, Elementary Education majors may elect one of the following: Phil. 300—Introduction to Philosophy, Phil. 301—Elementary Logic, Phil. 322—Ethics.

*Formerly Music 101A—Public School Music.

†Formerly Music 301—Music in the Elementary School.

COURSE DESCRIPTION

Students are required to observe actual classroom situations in the following courses: Business Ed. 400, Business Ed. 402, Ed. 202, Ed. 212, Ed. 221, Ed. 222, Ed. 410, Ed. 422, Ed. 423, Ed. 452, Math 314, Music 334 (301), and Music 332 (302).

EDUCATION 100. Freshman Orientation. Principles underlying successful study and use of the library; orientation in the college life and practices; methods of mental efficiency; a help class for freshmen. Credit, 1/2 hour. Required of all Freshmen.

EDUCATION 203. General Psychology. A first course in human behavior. Among the topics covered are: heredity and environment, development of the individual, motivation, emotion, the senses, perception, and personality. Special attention is given to the learning process. Prerequisite: Sophomore standing or permission of the Department of Education and Psychology. Credit, 3 hours.

EDUCATION 204. Educational Psychology. An application of psychology to the problems of learning and teaching. Prerequisite: Education 203. Credit, 3 hours.

EDUCATION 401. Tests and Measurements. Tests are studied and used with the aim of acquainting the prospective teacher with their

use, purpose and comparative values. The philosophy underlying the measurement movement is developed and criticized. Prerequisite: Education 203, Education 221 or 222. Credit, 3 hours.

EDUCATION 412. Administration of the Public Schools. The principal, the staff, the pupil, program of studies, schedules, community relationships, records and reports, articulation, library, plant, finance, and the aims of public school education are the general themes studied in this course. Prerequisite: Junior standing. Credit, 3 hours.

EDUCATION 424. Foundations of Education: Historical and Philosophical. An intensive study of the historical and philosophical factors which have contributed to the development of present day education. Prerequisite: Senior standing and Education 221 or 222 and Education 412. Credit, 3 hours.

EDUCATION 432. Problems in Modern Education. Special projects in modern education. This course may be substituted for either of the courses in Supervised Teaching by mature students who have three or more years of teaching experience in approved elementary or secondary schools. Offered upon demand. Credit, 2-8 hours.

EDUCATION 440. Educational Statistics. An application of statistical and graphical methods of educational data. Prerequisite: Consent of instructor. Offered upon demand. Credit, 3 hours.

EDUCATION 433. Alcoholism and Other Problems of Alcohol. This course is designed to present the essential concepts, theories and descriptive and inferential research findings concerning the uses and abuses of alcohol as determined by socio-cultural pattern and expectancies and physiological and psychological needs of the individual. Special emphasis is given to the psychological aspects of alcoholism; the dynamics of addiction and the social, economic, legal and physiological concerns of the alcoholic and his family. A survey of theories and techniques of treatment are presented by film, case studies and classroom interviews of former alcoholics. Credit, 3 hours.

EDUCATION 442. Audio-Visual Education. "Instructional Materials". Offers an opportunity for students to understand the relevance of instructional media to curriculum and pupil needs and affords training in operating equipment. Credit, 3 hours.

ELEMENTARY EDUCATION

ART EDUCATION 101. Arts & Crafts I. A practical course involving the use of tools and various materials suitable for classroom use. Art is considered as closely integrated with all school work. Suggested activities are evaluated and methods of presentation

are discussed. Typical units are worked out. Activities: making decorative papers, simple bookbinding, clay modeling, weaving, and blockprinting. Credit, 3 hours.

ART EDUCATION 102. Arts & Crafts II. The course, as taught, will deal with the two major themes, appreciation and creation, with emphasis on the appreciative angle. Lettering, color theory and application, laws of design and their application, and picture study will be stressed. As a part of the development of their various problems in poster making, book covers, color arrangement, etc., the student learns how and when to use to the best advantage the following media: pencil, crayon and water colors. An Introductory Course. Credit, 3 hours.

EDUCATION 113. Penmanship for Teachers. One of the standard systems of writing is used as a guide to the attainment of a degree of writing efficiency as required for a teachers' certificate in penmanship. Credit, 1 hour.

EDUCATION 116. Manuscript Writing. A course designed to acquaint teachers at the elementary level with a form of print writing suitable for use in the primary grades. Credit, 1 hour.

EDUCATION 202. Fundamentals of Elementary Education. A basic course in elementary education: problems of school management; how to cultivate a constructive and harmonious attitude toward school -community relations; organizing materials for class work; modern methods of teaching elementary subjects. The state course of study is a constant supplement to the chosen text. Credit, 4 hours.

EDUCATION 205. The Fundamentals of Kindergarten Education. A study of the curriculum, materials, and organization of the kindergarten. Important topics are creative experiences, parent education, understanding of families, community resources, planning, and evaluation. Observation and participation with children are included. Credit, 3 hours. ffl

EDUCATION 212. Teaching of Reading. A method course designed to point out the knowledge and skills necessary for successful work as a teacher of reading in both the primary and grammar grades. Actual practice is given in teaching children to read. The problem of measuring progress is a distinct part of the course. Prerequisite: Education 202. Credit, 3 hours.

EDUCATION 221. Human Development and Psychology I. This course is designed to present the essential concepts, findings and interpretations from psychological investigations concerning growth and development from birth through childhood. Special attention is given to biological foundations for human growth and development, cultural factors in development, learning and the educative process, and personality. Students are taught how to observe and

to interpret the behavior of children, how to foster human relations for a democratic society, and to cultivate a sympathetic and understanding attitude toward child life, through first hand study of children. Prerequisite: Education 203. Credit, 3 hours.

EDUCATION 223. The Teacher and the Growth and Development of the Pre-School Child. Emphasis is on the physical, emotional, mental, and psychological growth of the child under the age of six, and the kindergarten teacher's role in working with such a child. Credit, 3 hours.

EDUCATION 304. Introduction to Teaching the Disadvantaged in the Elementary School. The following topics will be considered: Knowing the disadvantaged learner; understanding problems encountered in learning; techniques and strategies of educating the disadvantaged. Observations required. Credit, 3 hours.

EDUCATION 400E. Supervised Teaching in Elementary Schools. Admission to qualified seniors by application to Committee on Teacher Education during preceding semester. Credit, 8 hours.

EDUCATION 422. Problems of Teaching in Elementary Schools. The following topics will be considered: Ways of discovering teaching problems; effective ways and means of discovering suitable materials for working on problems; ways of using teaching materials; techniques of evaluating growth; special problems of the rural community; the use of community agencies as they are related to the improvement of teaching; actual experiences in observing and working with children in the laboratory school. Prerequisite: Senior standing in Elementary Education curriculum. Credit, 3 hours.

EDUCATION 423. Teaching Science in the Elementary Schools. Methods of teaching basic scientific facts and the role of science in modern day living. Prerequisite: Senior standing in Elementary Education curriculum. Credit, 3 hours.

SECONDARY EDUCATION

EDUCATION 222. Human Development and Psychology II. This course deals with the various aspects of growth and development of the individual beginning with the onset of adolescence. Special attention is given to the process of growth of the whole individual in the common culture of the total environment, characteristic behavior of adolescents, study of the techniques of working with adolescents, study of the techniques of analyzing the needs of adolescents, adolescents relationships with others, and actual experience in observing and working with adolescents. Prerequisite: Education 203. Credit, 3 hours.

EDUCATION 302. Vocational Education. A study of the principles underlying vocational education with emphasis upon the relation of vocational education to the community. Reference is made to the application of these principles to the vocational situation in Kentucky. Offered upon demand. Prerequisite: Education 222. Credit, 3 hours.

EDUCATION 303. Psychology of Personality. Deals with the dynamics and determinants of personality development together with a description of personality theories, the biological basis of motivation, attitudes, and values; also with the social, economic, and educational factors involved. Prerequisite: Education 203—General Psychology. Offered in alternate years. Credit, 3 hours.

EDUCATION 321. Principles of Secondary Education. The purpose is to present a brief, suggestive discussion of the underlying philosophy of secondary education. The larger aims and problems of the high school are given practical treatment. Prerequisite: Junior Standing. Offered upon demand. Credit, 2 hours.

EDUCATION 400-H.S. Supervised Teaching in High School. Open to qualified seniors by application to Committee on Teacher Education during preceding semester. Credit, 8 hours.

EDUCATION 410. Methods of Teaching High School Subjects. This course is divided into sections 410 E (English), 410 HE (Home Economics), 410 IA (Industrial Arts), 410 M (Mathematics), 410 PE (Physical Education), 410 MFL (Modern Foreign Language), 410 S (Science), 410 SS (Social Science), as listed below. For each of the sections except 410 HE, the prerequisites are Education 412, 452, consent of the major advisor and admission to Teacher Education. Education 452 is not a prerequisite to section 410 HE (Home Economics).

EDUCATION 410-E. Methods of Teaching English. Credit, 3 hours.

EDUCATION 410-HE. Methods of Teaching Home Economics. Credit, 4 hours.

EDUCATION 410-IA. Methods of Teaching Industrial Arts. Credit, 3 hours.

EDUCATION 410-M. Methods of Teaching Mathematics. Credit, 3 hours.

EDUCATION 410-MFL. Methods of Teaching Modern Foreign Languages. Credit, 3 hours.

EDUCATION 410-PE. Methods of Teaching Physical Education. Credit 3 hours.

EDUCATION 410-S. Methods of Teaching Science. Credit, 3 hours.

EDUCATION 410-SS. Methods of Teaching Social Sciences. Credit, 3 hours.

EDUCATION 452. Fundamentals of Secondary Education. This course provides a graduated preparation for supervised teaching on the secondary level. Study and practice are provided in organizing materials for class work as the prospective student-teacher is acquainted with general methods of high school instruction. The historical, philosophical, and curricular development of the American secondary school are touched upon as they relate to modern practices. Trends of significance are looked at. Prerequisite: Education 222 and admission to Teacher Education. Course should be taken during the semester immediately preceding student teaching or the semester of student teaching. Credit, 3 hours.

DEPARTMENT OF ENGLISH

OBJECTIVES:

1. To equip all students of the College with proficiency in the fundamentals of written and spoken English and with appreciation for the power and beauty of creative literature.
2. To foster inter-departmental cooperation in a continuing program for the cultivation of good language habits among students.
3. To train prospective teachers of English and to inculcate in them a curiosity about the problems of the profession and an interest in the journals that treat these problems.
4. To help students majoring in English lay a foundation for advanced study.

MAJOR PROGRAM:

The Department of English offers courses leading to the Bachelor of Arts degree in English. In addition to Freshman and Sophomore courses (Eng. 101, 102, 211, 212), majors in English should complete a minimum of twenty-four hours above the Sophomore level, including Eng. 322, 323, 324, and 411. Eng. 410 is required only of students who plan to enroll in the Teacher Education Program. A total of thirty-six semester hours constitutes an English major. The course in English methods (Education 410-E) does not count toward the major in English. Eng. 201 is recommended for English majors but not required. See your advisor for a list of courses that can be substituted for Econ. 211, Soc. 305, and Phil. 300.

Students who have earned less than C in two English courses below the Junior level will not be permitted to major or minor in English, and each student must have the approval of the Head of the Department before entering upon his studies as an English major or minor. All courses are offered every year unless otherwise stated.

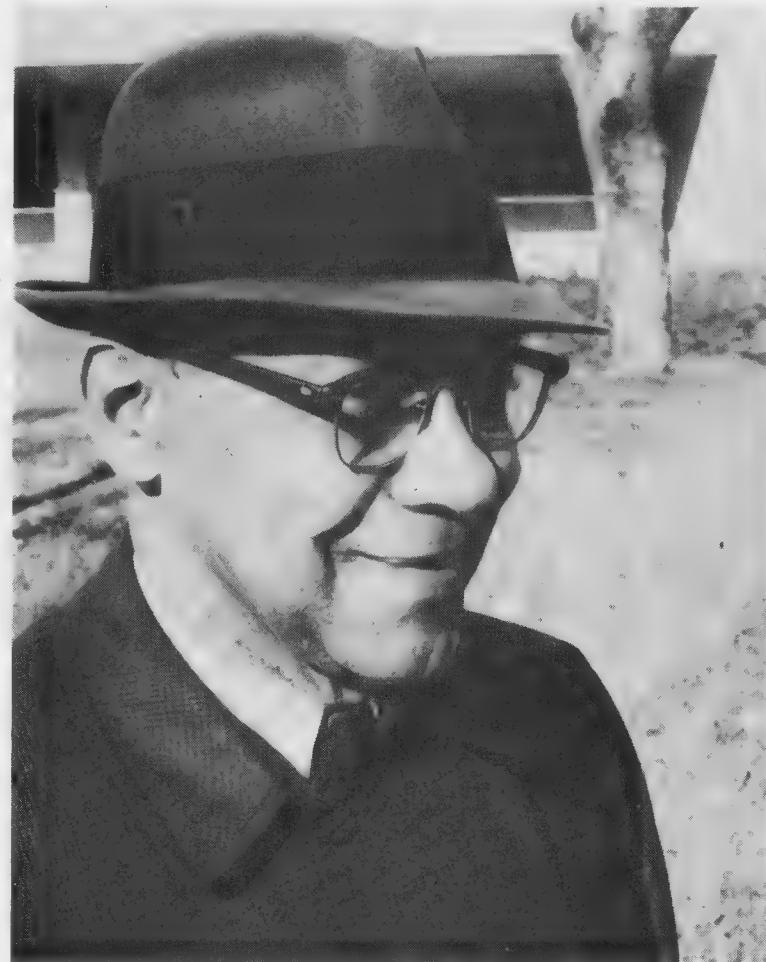
MINOR PROGRAM:

A minor program in English consists of twenty-four hours: Eng. 101, 102, 211, 212, 322 (or 323), 324, 411, and a three-hour elective in English.

All students are required to earn C or above in Eng. 100, 101, and 102. English majors and minors must earn C or above in all English courses.

MINOR PROGRAM IN SPEECH AND THEATRE ARTS:

A minor program in Speech and Theatre Arts consists of twenty-four hours of course work in the area of Speech and Theatre and participation in Little Theatre productions. According



to his specific interest, the student may elect to concentrate in either the area of Speech or the area of Theatre Arts and will be expected to follow the prescribed course outline established for him by the Speech and Theatre Advisory Committee.

A student must have the approval of the Speech and Theatre Advisory Committee before entering the minor program in Speech and Theatre Arts.

At the present time, students with a major in English cannot minor in Speech and Theatre Arts.

CURRICULUM

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Comp.	3	Eng. 102—English Comp.	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Foreign Language Elective	3	Foreign Language Elective	3
P.Ed. 101—Orientation in P.Ed.	1/2	P.Ed. 102—Orientation in P.Ed.	1/2
Ed. 100—Freshman Orientation	1/2	General Elective	3
General Elective	3		
	16		15 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
Soc. 201—Intro. to Soc. Sci.	3	Soc. 202—Intro. to Soc. Sci.	3
Sci. 201—Intro. to Physical Sci.	3	Sci. 202—Intro. to Physical Sci.	3
Ed. 203—General Psychology	3	P.Ed. 221—Health and Safety Ed.	2
Foreign Language Elective	3	Foreign Language Elective	3
Eng. 201—Public Speaking	2	Ed. 222—Human Develop. & Psy. II	3
P.Ed. 201—Recreational Act.	1/2	P.Ed. 202—Recreational Act.	1/2
	17 1/2		17 1/2

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Eng. 322—Foundations of Eng. Lit.	3	Eng. 323—Eng. Lit. from Johnson	3
Eng. 324—Survey of American Lit.	3	Elective in English for Majors	3
Econ. 211—Prin. of Economics	3	Ed. 452—Fund. of Secondary Ed.	3
Elective, 2nd Major or Minor	7	Soc. 305—Contemp. Soc. Prob.	3
	16	Elective, 2nd Major or Minor	3
			15

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Eng. 411—Shakespeare	3	Ed. 410E—Meth. of Tchg. Eng.	3
Eng. 410—Adv. American Grammar	3	Ed. 412—Admin. of Pub. Schools	3
Phil. 300—Intro. to Philosophy	3	Elective	3
Elective in Eng. for Major or Minor	3	Ed. 400—Supervised Teaching	8
Elective, 2nd Major or Minor	6		
	18		17

COURSE DESCRIPTION

ENGLISH 100. Fundamentals of English. Required of all Freshmen whose scores on the English Placement Test do not warrant registration in English 101. An effort to get at the fundamentals of language through careful listening, speaking, and writing. Credit 3 hours.

ENGLISH 101. English Composition and Rhetoric. Required of all students who have earned acceptable marks on the English Placement Test. Emphasis is placed on command of the fundamentals of language that will be adequate for the writing of clear and effective sentences and paragraphs in standard English. Prerequisite: a passing grade on the English Placement Test or in English 100. Credit 3 hours.

ENGLISH 102. English Composition and Rhetoric. Continuation of English 101, with the same attention to fundamentals. Several weeks are devoted to the preparation of a research paper. Prerequisite: English 101. Credit 3 hours.

ENGLISH 103. Fundamentals of Speech. A beginning course designed for students who plan to pursue advanced work in speech and drama or for others who desire a general introduction to the vital role of spoken communication. The utilitarian character of speech is emphasized, along with competence in everyday discourse. Credit 3 hours.

ENGLISH 201. Public Speaking. A course open to students who desire improvement in techniques for effective speaking in public. Concentration on composition of specific types of public speeches and practice in delivery. Prerequisites: English 101 and 102. Credit 2 hours.

ENGLISH 202. Children's Literature. A study of the literature which is especially suitable for use in the elementary grades. Emphasis upon techniques of presenting this literature to young children. Prerequisites: English 101 and 102. This course does not count toward a major or minor in English. Credit 3 hours.

ENGLISH 206. Voice and Phonetics. A basic course offered to acquaint the student with the social, physiological, psychological, physical, phonetic, and linguistic bases of speech as they apply to any and all areas of oral communication. No attempt is made to emphasize any particular sphere such as Public Speaking, Interpretation, Drama, Debate, etc., but exposure to all forms of oral communication is attempted, and ample exercises are provided to test the student's skills in these various areas.

ENGLISH 211. Introduction to Literature. An introduction to the understanding and enjoyment of the types of literature: fiction, drama, poetry, essays. Prerequisites: English 101, 102. Required of all Sophomores. Credit 3 hours.

ENGLISH 212. Introduction to Literature. Continuation of English 211, with increased emphasis upon the reading of certain book-length masterpieces that are representative of the types studied in the preceding course. Prerequisites: English 101, 102, and 211. Required of all Sophomores. Credit 3 hours.

ENGLISH 301. Romanticism. The principles and ideas of Romanticism as expressed in the chief English writers of poetry and prose from 1798 to 1832. Prerequisites: English 211 and 212. Credit 3 hours.

ENGLISH 303. Victorian Literature. The works of the principal authors of the Victorian era in relation to the political, intellectual, and social background of the period. Prerequisites: English 211 and 212. Credit 3 hours.

ENGLISH 304. Problems of Voice Training. Designed to teach students how to detect and eliminate functional defects in speech and voice and to become aware of such handicaps in the speech of other people. Intensive drills and emphasis upon the formulation of corrective procedures. Prerequisites: English 101 and 102. Credit 2 hours.

ENGLISH 305. Introduction to the Theatre. This course aims to expose the beginning student to the principal areas which comprise theatre study, from dramatic structure and criticism to practical production techniques. Background for students expecting to continue their studies in the theatre and for others wishing to broaden their education in the humanities. Prerequisite: English 211. Credit 3 hours.

ENGLISH 307. Modern Drama. An analytical study of dramatic literature beginning with Ibsen and continuing through contemporary play forms. Designed to give the student an understanding of the evolution of play structure as it occurs in representative plays of the major contributing playwrights within this period. Prerequisite: Eng. 211. Credit 3 hours.

ENGLISH 313. Milton. A study of Milton's principal poetical works and a few selections from his prose. Offered in alternate years. Prerequisites: English 211 and 212. Credit 3 hours.

ENGLISH 321. Public Discussion and Debate. Designed to provide experience in the techniques of argument and discussion. Offered in alternate years. Prerequisites: English 211 and 212. Credit 3 hours.

ENGLISH 322. The Foundations of English Literature. Major works by British authors from the Old English Period to the Age of Johnson and a consideration of the critical, intellectual, and historical background of each literary period included. Prerequisites: English 211 and 212. Required of all students majoring in English. Credit 3 hours.

ENGLISH 323. English Literature from the Age of Johnson to Recent Times. Continuation of English 322. Required of students majoring in English. English Minors must take either this course or the preceding one (English 322). Credit 3 hours.

ENGLISH 324. Survey of American Literature. A chronological study of the major American writers, with due emphasis upon political, social, and literary movements and tendencies. Prerequisites: English 211 and 212. Required of all students majoring in English. Credit 3 hours.

ENGLISH 331. Dramatic Interpretation and Acting. Appreciation, interpretative reading, and acting of scenes from plays representative of the various forms of drama. Especially recommended for those who plan to teach English. Offered in alternate years. Prerequisites: English 211 and 212. Credit 3 hours.

ENGLISH 332. Journalism. Theoretical and practical work in gathering, organizing and writing news. Discussion and critical evaluation of current journalistic techniques. Offered in alternate years. Prerequisites: English 211 and 212. Credit 3 hours.

ENGLISH 333. Oral Interpretation. Designed to equip the student with techniques for effectively interpreting such literature as the Bible, the classics, children's literature, dramatic literature, and poetry. Emphasis on oral interpretation as a teaching technique and as an entertainment medium. Prerequisites: English 103 or 206. Credit 3 hours.

ENGLISH 341. The English Novel. The study of a few representative novels by English writers from the time of Defoe to the contemporary period. Offered in alternate years. Prerequisites: English 211 and 212. Credit 3 hours.

ENGLISH 342. Stage Craft. Practical study of the planning, designing, and construction of stage setting, lighting equipment, and properties; and a study of the making of costumes. Offered in alternate years. Prerequisites: English 211 and 212. Credit 3 hours.

ENGLISH 352. Contemporary Literature. A study of the prose and poetry of England and America since 1900. Offered in alternate years. Prerequisites: English 211 and 212. Credit 3 hours.

ENGLISH 401. Seminar in Speech and Theatre. Designed to encourage independent reading and research in specifics in speech, theatre, and dramatic literature. The student will be credited with from 2-4 hours, dependent upon the extent of assigned work. Prerequisite: Consent of instructor. Credit 2-4 hours.

ENGLISH 409. Literature of the American Negro. A consideration of some of the principal essays, poems, plays, short stories, and novels written by American Negroes from Phillis Wheatley to James Baldwin. Prerequisites: English 211 and 212. Credit 3 hours.

ENGLISH 410. *Advanced American Grammar*. A study of the growth of English grammar in America, with emphasis upon its linguistic structure and historical changes. Prerequisites: English 211 and 212. Credit 3 hours.

ENGLISH 411. *Shakespeare*. Analytic study of Shakespeare's principal plays, with some emphasis upon the Elizabethan background. Required of all students majoring or minoring in English. Prerequisites: English 211 and 212. Credit 3 hours.

ENGLISH 412. *History of the English Language*. The major facts concerning the place of English among the languages of the world and the history of its development from the beginning to the present time. Prerequisites: English 211 and 212. Credit 3 hours.

ENGLISH 421. *Play Directing*. Study and practice in the theory and problems of stage directing. Prerequisite: English 331 or 342. Offered in alternate years. Credit 3 hours.

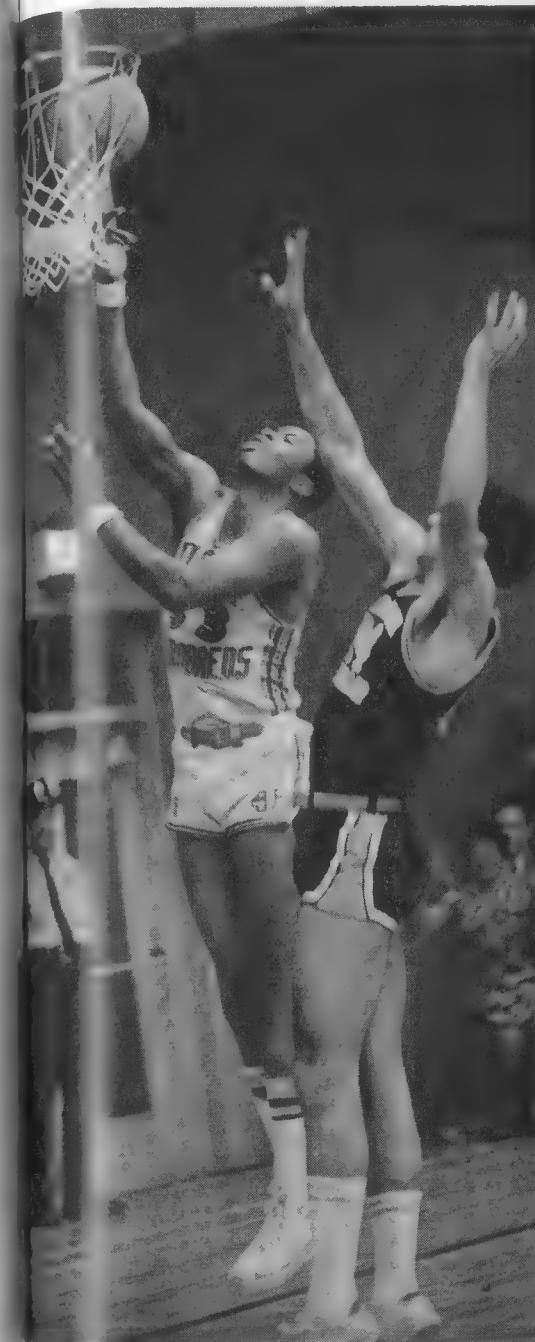
ENGLISH 432. *History of the Theatre*. Designed to give the student a knowledge of dramatic history in relation to the problems of staging, of the physical theatre and of some phases of written drama. Offered in alternate years. Prerequisites: English 211 and 212. Credit 3 hours.

DEPARTMENT OF HEALTH AND PHYSICAL EDUCATION

The Department of Health and Physical Education is organized to perform the following:

1. To prepare students to teach Health Education, Physical Education, Safety Education, direct recreational programs in public and private agencies and institutions.
2. To provide training for future use by those who plan to pursue careers in Physical Medicine . . . such as Physical Therapy, Corrective Therapy, Recreational Therapy, and Occupational Therapy.
3. To provide a sound foundation for graduate study in Health and Physical Education.

Note: Students concentrating in Health and Physical Education will take P.Ed. 103, 104, 203, 204. The separate courses for the major student will satisfy his requirements in physical education and aid in the development of a wide variety of to enroll in four semesters of (2 credit hours) activity courses



All American, Travis (The Machine) Grant shoots a lay-up. Grant is a member of the Kentucky Thorobreds which won the National Association of Intercollegiate Athletics Basketball Championship in 1970.

PROFESSIONAL HEALTH, PHYSICAL EDUCATION, AND RECREATION

General Information

Students selecting a major in these areas generally do so because they expect to enter these fields as teachers and coaches. We enroll students from widely differing backgrounds outside of Kentucky and inside Kentucky. Such differing backgrounds, individual needs and future outlooks demand that a varying extent of opportunities for concentration in major fields and minor fields. Several varieties of curricular approaches are offered to the student.

All students who enroll for the 48 hour major are expected to receive teaching certificates. Such students must meet the requirements of the Teacher Education Program.

All Physical Education majors (48 or 36 hours) are expected to enroll in four semesters of (2 credit hours) activity courses after completion of 103, 104, 203, 204. Intramural participation may be substituted for any of the final four semesters of activity requirement. All courses are offered every year unless otherwise stated.

It is important that majors or minors maintain close consultation with the department head or advisors at all times.

The student may select from the following:

1. Area of concentration (48 hours) includes courses in physical education and health education — No minor is possible with this major. The curriculum as presented in the catalog is for a forty-eight hour major.
2. Major in Physical Education and Health — (36 hours) requires a minor (18 hours) from any area offering minors in the college curriculum including Health Education and Recreation.
3. Eighteen-hour Physical Education minor.

REQUIRED PHYSICAL EDUCATION

The requirement for all non-physical education major students is two years (2 credit hours) of successful completion of physical education activities. This requirement may be satisfied by passing any of the courses in the required program that will total up to two semester hours. Those of exceptional skill as shown by scoring high in skill tests may be granted permission by the department to satisfy this requirement by participation in specified intramural activities.

The required program aims to teach a variety of useful recreational skills for leisure time use. The aim also is to develop a

desire in the student to maintain a high fitness level through well-regulated physical activity.

INTRAMURALS

The Physical Education Department conducts a program of intramural sports for both men and women students. Opportunities are provided for all students to have the experience to participate in competitive sports and recreational activities.

REGULATIONS FOR UNIFORMS

Students enrolled in physical education activity courses are required to provide themselves with clothing listed below. This apparel may be secured at the College Bookstore. In addition, all majors in Health and Physical Education are required to purchase regulation uniforms governed by the activity.

MEN—One white "T" shirt, one pair of green shorts, athletic socks, one pair of gymnasium shoes, one pair of swimming trunks, one pair of locker room sandals, one athletic supporter.

WOMEN—One regulation gymnasium suit, athletic socks, one pair of gymnasium shoes, one swimming suit, one pair of locker room sandals, one swimming cap. Modern Dance 213 and 214—Black leotards and black tights.

SERVICE COURSES (For Men and Women)

A total of four semesters in the required (service) courses will satisfy the college requirement for required physical education. M = Men and W = Women.

100MW	—	Golf
101 and 102M	—	Team Sports
101 and 102W	—	Team Sports
110M	—	Touch Football—Net Games
114MW	—	Net Games
115MW	—	Body Conditioning—Karate
116MW	—	Net Games
118MW	—	Body Conditioning
201 and 202W	—	Team and Individual Sports
201 and 202MW	—	Net Games
216MW	—	Gymnastics
218MW	—	Body Conditioning

M = Men Only

W = Women Only

MW = Men and Women

CURRICULUM
(Area of Concentration)

FRESHMAN YEAR

	Hours	Second Semester	Hours
<i>First Semester</i>			
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Biol. 103—Life Science	4	Biol. 104—Life Science	4
P.Ed. 111—Intro. to Phys. Ed.	3	P.Ed. 221—Health and Safety Ed.	2
P.Ed. 105—Beginning Swimming		P.Ed. 106—Beginning Swimming	
or		or	
P.Ed. 107—First Aid and Accident Prevention	1	P.Ed. 107—First Aid and Accident Prevention	1
P.Ed. 141—Beginning Folk and Square Dance	2	P.Ed. 142—Advanced Folk and Square Dance	2
Ed. 100—Freshman Orientation	½	P.Ed. 104—Fund. of Phys. Ed. Activities	½
P.Ed. 103—Fund. of Phys. Ed. Activities	½		
	17		15½

SOPHOMORE YEAR

	Hours	Second Semester	Hours
<i>First Semester</i>			
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
Soc. 201—Intro. to Social Sci.	3	Soc. 202—Intro. to Social Sci.	3
Sci. 201—Intro. to Physical Sci.	3	Sci. 202—Intro. to Physical Sci.	3
Ed. 203—General Psychology	3	Ed. 222—Human Develop. and Psy. II	3
Fren. 101—Elem. French	3	Fren. 102—Elem. French	3
P.Ed. 213—Modern Dance Tech.	1	P.Ed. 214—Modern Dance Comp.	1
P.Ed. 232—Advanced Swimming	1	P.Ed. 204—Advanced Fund. of Phy. Ed. Activities	½
P.Ed. 203—Advanced Fund. of Phy. Ed. Activities	½		
	17½		16½

JUNIOR YEAR

	Hours	Second Semester	Hours
<i>First Semester</i>			
Biol. 301B—General Human Phys.	3	P.Ed. 324—Prevention & Care of Athletic Injuries	3
P.Ed. 321—Org. & Admin. of Intramurals	3	P.Ed. 322—Health Education in Elem. Schools	2
P.Ed. 311—Human Anatomy	4	P.Ed. 304TF—Coaching Techniques—Track and Field or	
P.Ed. 323—Principles of Phys. Ed.	2	P.Ed. 304B—Coaching Techniques—Baseball	2
P.Ed. 343—Org. & Admin. of Play-grounds and Recreat.	3	P.Ed. 401—Tests and Measure. in Physical Ed.	3
Soc. 305—Contemp. Soc. Prob.	3	P.Ed. 421—Org. and Admin. of Health and Phys. Ed.	3
	18	Phil. 300—Intro. to Philosophy	3
			16

SENIOR YEAR

	Hours	Second Semester	Hours
<i>First Semester</i>			
Ed. 412—Admin. of Pub. Schools	3	Ed. 410PE—Methods of Teaching Physical Ed.	3
Ed. 452—Fund. of Secondary Ed.	3	Ed. 424—Foundations of Ed.	3
P.Ed. 331—Kinesiology	3	Elective	1-3
P.Ed. 342—Practice	1	Ed. 400—Supervised Teaching	8
P.Ed. 403F—Coaching Techniques—Football or			
P.Ed. 403B—Coaching Techniques—Basketball	2		
Biology Elective	3		
P. Ed. Elective	1		
	16		15-17

36 HOUR MAJOR (Requires a Minor)

Required Courses (Physical Education)	
P. Ed. 111	Introduction to Physical Education
P. Ed. 105	Beginning Swimming
P. Ed. 107	First Aid and Accident Prevention
P. Ed. 141-142	Beginning and Advanced Folk and Square Dancing (Women — required)
P. Ed. 213-214	Health and Safety
P. Ed. 311	Human Anatomy
P. Ed. 323	Principles of Physical Education
P. Ed. 401	Tests & Measurements in P. Ed.
P. Ed. 421	Org. & Admin. of Health and P. Ed.
P. Ed. 304	Track and Field
P. Ed. 304B	Baseball
P. Ed. 403	Football
P. Ed. 403	Basketball
P. Ed.	Electives

3

1

4

2

4

2

3

36

18 HOUR MINOR IN PHYSICAL EDUCATION

18 HOUR MINOR IN PHYSICAL EDUCATION	
P. Ed. 111	Introduction to Physical Education
P. Ed. 105	Beginning Swimming
or	
P. Ed. 232	Advanced Swimming
P. Ed. 107	First Aid and Accident Prevention
P. Ed. 103, 104	Fundamentals of P. Ed. Activities
P. Ed. 203, 204	Advanced Fundamentals of P. Ed. Act.
P. Ed. 323	Principles of Physical Education
P. Ed. 311	General Human Anatomy
P. Ed. 421	Prerequisite: Biol. 103-104 or Biol. 101-102
P. Ed.	Org. & Admin. of Health and P. Ed.
	Elective

18

COURSE DESCRIPTION

PHYSICAL EDUCATION 101. (Men and Women). *Orientation in Physical Education.* An introduction to the seasonal major and minor activities for all entering Freshman students. An attempt to develop physical fitness and an appreciation for physical activity. Required of all Freshman students. Credit ½ hour.

PHYSICAL EDUCATION 102. (Men and Women). *Orientation in Physical Education.* The teaching of the fundamentals, skills, techniques, and rules of seasonal, major and minor sports. Required of all Freshman students. Credit ½ hour.

PHYSICAL EDUCATION 103-104. *Fundamentals of Physical Education Activities.* Theory and practice of activities needed in Physical Education programs including skills instruction. Open only to majors in physical education. These courses satisfy the requirement in physical education for both male and female majors. Required of all majors. One hour lecture, 2 hours lab.. Credit ½ hour each semester.

PHYSICAL EDUCATION 105. *Beginning Swimming.* This drown-proofing course is designed to teach the student the basic skills in drownproofing, swimming strokes, beginning diving, artificial respiration and swimming physical conditioning. Open only to major students. Required of all majors. Credit 1 hour.

PHYSICAL EDUCATION 107. First Aid and Accident Prevention. This course is designed to aid the student in developing the proper attitudes, skills, and knowledges needed to promote safety. Techniques are taught in care of injuries and sudden illness. The standard and advanced American Red Cross Certificates in First Aid may be earned. One hour lecture, two hours lab. Credit 1 hour.

PHYSICAL EDUCATION 111. Introduction to Physical Education. Orientation of the professional student to the total program of Health, Physical Education, and Recreation. The history of physical education is included in this orientation. Required of all majors. Credit 3 hours.

PHYSICAL EDUCATION 112. Principles of Health Education. In this course attention will be given to those basic facts and Principles of health and related disciplines which will aid the student in: 1) attaining satisfactory social and emotional adjustment; 2) maintaining and improving his own health; 3) developing a cooperative attitude in solving community health problems; and 4) training for the responsibilities of family life and citizenship. Credit 3 hours.

PHYSICAL EDUCATION 141. Beginning Folk and Square Dance. Instruction and experience in folk and square dances suitable for use in the elementary school. Basic fundamental rhythms for use in elementary schools are included in this course. One hour lecture and three hours lab. Required of all majors. Credit 2 hours.

PHYSICAL EDUCATION 142. Advanced Folk and Square Dance. An introduction to the creative approach to dance in schools of secondary and college levels. The principles of kinesthetics and rhythmical forms applied to the practice of fundamental movement techniques. One hour lecture and three hours lab. Required of all majors. Prerequisite: Physical Education 141. Credit 2 hours.

PHYSICAL EDUCATION 201 (Men and Women). Recreational Activities. This course is designed to give an opportunity for the practice of fundamentals. Guidance is given to all Sophomores in the selection of activities for later life. Required of all Sophomores. Credit $\frac{1}{2}$ hour.

PHYSICAL EDUCATION 202 (Men and Women). Recreational Activities. In this course special attention is given to form, strategy, technique and execution. An attempt is made to develop the highest possible skill in the activity so that the student can successfully participate in this activity in later life. Required of all Sophomores. Credit $\frac{1}{2}$ hour.

PHYSICAL EDUCATION 203-204. Advanced Fundamentals of Physical Education Activities. Theory and practice of activities needed in Physical Education programs including skill instruction. These courses satisfy the requirement in physical education for

both male and female majors. Required of all majors. One hour lecture-recitation, two hours lab. Prerequisites: Physical Education 103-104. Credit $\frac{1}{2}$ hour each semester.

PHYSICAL EDUCATION 213. Modern Dance Techniques. Open to those seriously interested in techniques in modern dance and in doing original work in dance composition under direction. Required of women majors. Open to male students. Credit 1 hour.

PHYSICAL EDUCATION 214. Modern Dance Composition. Dance Choreography, program planning, directing, staging, and costuming. Formal program required of all students. Required of women majors. Open to male students. Prerequisite: Physical Education 213.

PHYSICAL EDUCATION 221. Health and Safety Education. This course is designed to provide the basic facts and principles necessary to the development of knowledge, habits, and attitudes for optimum individual, family, and community health and safety. Required of all Physical Education Majors. Credit 2 hours.

PHYSICAL EDUCATION 232. Advanced Swimming. This course is designed for those students with skills for advanced stroke techniques, lifesaving, survival, diving and synchronized swimming. Four hours lab. Prerequisite: Physical Education 105 or special swim test. Credit 1 hour.

PHYSICAL EDUCATION 304TF. Coaching Techniques—Track and Field. Study in the theory, methods and mechanics of coaching track and field events, and cross country. The organization and operational procedures for staging these events. Credit 2 hours.

PHYSICAL EDUCATION 304B. Coaching Techniques — Baseball. Study in the theory, strategy and mechanics of coaching baseball, including all the necessary skills of batting, base-running, fielding, pitching and the playing of all positions. Credit 2 hours.

PHYSICAL EDUCATION 311. Human Anatomy. Special emphasis is placed on internal anatomy; circulation; and muscular, skeletal and nervous systems. Laboratory work consists of study of the cat; charts, models and skeleton of man. Two hours laboratory per week. Required of all majors. Prerequisites: Biology 103-104. Credit 4 hours.

PHYSICAL EDUCATION 321. Organization and Administration of Intramural program. History, present status, objectives, administration, and organization of units of competition, activities, schedule making, scoring and awards. Required of all majors. Credit 3 hours.

PHYSICAL EDUCATION 322. Health Education in Elementary Schools. To aid the student in the recognition of responsibility and of the opportunities for protecting and improving the health

of the child by developing understandings and skills in: curriculum development; methods; and source materials in health education. Emphasis will be placed upon the integration of health teaching with other curriculum areas. Credit 2 hours.

PHYSICAL EDUCATION 323. Principles of Physical Education. This course is a study of the foundation of the scientific principles of physical education. The principles evolve from the facts of anatomy, physiology, sociology, and psychology; the information, selection and evaluation of principles are considered in relation to education in general. Required of all majors. Credit 2 hours.

PHYSICAL EDUCATION 324. Prevention and Care of Athletic Injuries. The principles of emergency action in case of accidents and special care of the injured are presented. Special attention is given to prevention and care of athletic injuries with laboratory experience in bandaging, splinting, artificial respiration, etc. Prerequisite: Biology 103, 104, and 311. Credit 3 hours.

PHYSICAL EDUCATION 331. Kinesiology. A study of the musculature and bone structure of the body in relationship to the science of movement, joint mechanisms, leverage, and muscle actions. Required of all majors. Prerequisite: Biology 103, 104, and 311. Credit 3 hours.

PHYSICAL EDUCATION 342. Physical Education Practice. The student is given an opportunity to engage in pre-directed teaching. The student is assigned to observe, participate, and teach in a classroom situation under the direction of the instructor for the course. The required service program courses are usually used for this purpose. Open to majors. Prerequisite: P.Ed. 431—Methods and Materials of Teaching Physical Education. Credit 3 hours.

PHYSICAL EDUCATION 343. Organization and Administration of Playgrounds and Recreation. Details with city problems as related to play and recreation, city planning, powers and abilities, programs, leagues, tournaments, equipment and supplies, and public relations. Credit 3 hours.

PHYSICAL EDUCATION 401. Tests and Measurements. The theory of measurement in physical education including construction of knowledge test, the measuring of motor capacity, sports, strength and physical fitness. Required of all majors. Credit 3 hours.

PHYSICAL EDUCATION 403B. Coaching Techniques—Basketball. Study in the theory, strategy and mechanics of teaching basketball. Credit 2 hours.

PHYSICAL EDUCATION 403F. Coaching Techniques — Football. The study of theory, organization, mechanics and overall strategy of the teaching of football. Defensive and offensive play are both thoroughly explored. Credit 2 hours.

PHYSICAL EDUCATION 421. Organization and Administration of Health and Physical Education. Procedures and policies for the administration of health and physical education programs in schools and colleges. Care of facilities, equipment and supervision of personnel will be included in with the administration of athletics. Required of all majors. Credit 3 hours.

CORRECTIVE THERAPY

Corrective Therapy Trainee Course. This course is offered in affiliation with the Veterans Administration Hospital, Louisville, Kentucky. This program has the certified approval of the Veteran's Administration Central Office, Washington, D. C.

This is an intensive six weeks course open to seniors or graduates of Kentucky State College with a major in Health and Physical Education. Those students who desire such may receive six hours credit upon successful completion of the course.

Students who wish to enter this specialized training should notify the Head of the Department of Health and Physical Education during their junior year as to their intentions.

Prerequisites: Kinesiology, Anatomy, and Physiology.

DEPARTMENT OF HISTORY AND POLITICAL SCIENCE

The Department of History and Political Science aims to give the student a knowledge of:

1. The privileges and duties of citizenship.
2. The relationships among social, political, economic and intellectual forces in the modern world. Some of the principal events and personalities which have influenced the development of the western world.
3. The basic methods of historical research.

Majors in the Department must take World Civilization (Hist. 101-2) and United States History (Hist. 201-2) as prerequisites to upper class courses. Majors contemplating teacher certification must take at least 12 semester hours in each field—history and political science.



CURRICULUM

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Comp.	3	Eng. 102—English Comp.	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Fren. 101—Elementary French	3	Fren. 102—Elem. French	3
Ed. 100—Freshman Orientation....	1/2	P.Ed. 102—Orientation in P.Ed.	1/2
P.Ed. 101—Orientation in P.Ed.	1/2	P.Ed. 221—Health and Safety Ed....	2
Elective	3	Elective	1-3
	16		15 1/2-17 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
Soc. 201—Intro. to Social Sci.	3	Soc. 202—Intro. to Social Sci.	3
Sci. 201—Intro. to Physical Sci.	3	Sci. 202—Intro. to Physical Sci.	3
Ed. 203—General Psychology	3	Ed. 222—Human Devel. & Psy. II	3
Hist. 201—United States History....	3	Hist. 202—United States History....	3
P.Ed. 201—Recreational Act.	1/2	P.Ed. 202—Recreational Act.	1/2
	15 1/2		15 1/2

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Hist. 301—Modern Europe	3	Hist. 302—Modern Europe	3
P.Sci. 311—American Govt.	3	P.Sci. 312—State Govt.	3
Econ. 211—Prin. of Economics	3	Hist. 322—English History	3
Hist. 321—English History	3	Electives	6
Electives	6	Preprofessional	3
	18		18

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Educ. 452—Fund. Secondary Educ.	3	Educ. 410SS—Meth. of Tchg. Soc. Sci.	3
Soc. 305—Contemp. Soc. Prob.	3	Ed. 412—Admin. Public School.	3
Electives	9	Elective	8
	15	Educ. 400—Supervised Teaching	8
	17		

THE AFRO-AMERICAN STUDIES PROGRAM

The Afro-American Studies Program represents a curricular and extra-curricular continuation of the College's endeavor to develop race pride and to make the record of the past more complete by inserting omitted significant information about Afro-American. The current enrichment of the program is in response to the intense interest that has been generated concerning the culture and contributions of these people.

The curricular offerings are interdisciplinary in nature and sufficient in credit hours available to enable students to satisfy requirements for a minor in this area. By judicious selection of courses, they may lay a sufficient foundation for graduate and professional study; equip themselves as elementary or secondary teachers in such subjects; and qualify as counselors and participants in state and federally supported projects involving minorities.

The interdepartmental offerings represent the fields of history, geography, art, drama, literature, and music. Courses from other disciplines are also projected.

COURSE DESCRIPTION

HISTORY 101-102. World Civilization. The typical literature, art, music, architecture, other fine arts, religions, and customs of various people and nations of the world. Effort is made to give a grasp of the historical and institutional setting from which these cultures came. Credit 3 hours for each course.

HISTORY 201-202. United States History. The political, economic, and social development of the United States from the colonial period to the present. Credit 3 hours for each course.

HISTORY 203. History of Kentucky. A general survey of the social, economic, and political history of Kentucky; her influence in the development of American democracy; and her periods of leadership in the nation. Credit 3 hours.

HISTORY 301. Modern Europe. The course treats, generally, the political and cultural history of Europe from 1500 to 1870. Particular emphasis is placed upon the rise and the rivalry of national monarchies, the growth of democracy, and the unification of Italy and Germany. Credit 3 hours.

HISTORY 302. Modern Europe. This is a continuation of History 301, and deals with Europe since 1870. Special attention is given to diplomacy from 1870 to 1914; both world wars and their post-war problems; and contemporary developments affecting present-day Europe. Credit 3 hours.

HISTORY 321. English History. A survey of English history from pre-Roman times to the close of the Glorious Revolution with particular emphasis upon constitutional developments. Credit 3 hours.

HISTORY 322. English History. A continuation of History 321. The growth of British democracy and world imperialism during the eighteenth, nineteenth, and twentieth centuries. Credit 3 hours.

HISTORY 323—Constitutional History of the United States. An historical survey of the making of the Constitution and its interpretation through decisions of the United States Supreme Court with some attention to economic, political, and social forces which have influenced its development. Credit 3 hours.

HISTORY 324. Hispanic American History. The colonial and republican periods in Hispanic America are surveyed with emphasis in the most recent period on the relation of these nations to the rest of the world. Credit 3 hours.

HISTORY 326. The Negro in the United States. A study of the history of the Negro in the United States: his African heritage, his role in the development of the country, his struggle for the privileges and immunities of citizenship, and with particular emphasis upon his contribution to American society. Credit 3 hours.

HISTORY 403. Negro in Twentieth Century America. An in-depth study, chiefly documentary, of Afro-American contributions to American culture and struggles for full-citizenship in the United States, interwoven with the nation's growth since its emergence as a world power. Credit 3 hours.

HISTORY 405. Southern History. The course covers the economic, social, political and cultural life in the southern states from colonial times to the present. It examines carefully the progress and problems of the South today. Credit 3 hours.

HISTORY 408. Recent United States History. A careful examination — readings, discussions, reports, papers — of problems associated with such topics as the Great Depression, the New Deal, war and threats to peace, significant social change, and the politics of outer space. Credit 3 hours.

HISTORY 411. Recent European History. This course is a study of World War II, its causes, conduct, and consequences; a discussion and evaluation of Cold War diplomacy. The treatment of significant development, national and international, of individual European nations; and an inquiry into the problem of peace. Oral and written reports are required. Credit 3 hours.

POLITICAL SCIENCE

POLITICAL SCIENCE 307. Public Administration. An introduction to the functions and problems of public administration which surveys types of governmental organization, lines of responsibility, personnel management and fiscal processes. Credit 3 hours.

POLITICAL SCIENCE 311. American Government. A survey of the structure and function of the national government of the United States stressing the evolutionary nature of our constitutional republic. Credit 3 hours.

POLITICAL SCIENCE 312. State Government. A survey of the structure and function of the state and local governments of the United States with emphasis upon Kentucky constitutional developments. Credit 3 hours.

POLITICAL SCIENCE 331. Introduction to Community Planning: Physical Theories and Goals. A study that includes the development of the city in history; theories of urban growth, basic planning components; federal and state legislation; and planning in special fields. Credit 3 hours.

POLITICAL SCIENCE 332. Introduction to Community Planning: Physical Design and Application. This is a continuation of Political Science 331. The topics to be considered are the characteristics of a workable planning program; maps; zoning and subdivision regulations; design criteria; and real estate. Students will be expected

to prepare a comprehensive plan for a city as a group project. Prerequisite: Political Science 331. Credit 3 hours.

POLITICAL SCIENCE 401. Political Theory. The course is an historical survey and analysis of political philosophy as it has found expression in the writings of the major theorists of the western world. Readings from Plato to Lenin are used to supplement the more purely descriptive content of the course. Credit 3 hours.

POLITICAL SCIENCE 411. Comparative Government. An analysis of the major political systems of Europe with emphasis on Great Britain, France, the German Federal Republic and the Soviet Union. Credit 3 hours.

POLITICAL SCIENCE 412. International Organization. An examination of the social and economic factors leading to the establishment of international administrative organs, the International Labor Organization, the League of Nations, the Organization of American States, the United Nations and related organizations. Conflicting interests in organizing world peace on the international level are studied. The emphasis of the course is on the background and role of the United Nations today. Credit 3 hours.

THE FRANKFORT SEMESTER

The Frankfort Semester is a seven month academic and practical internship of educational experiences in public administration for selected students of upper division standing in the social sciences at Eastern Kentucky University, Morehead State University, Murray State University, Western Kentucky University and Kentucky State College. The program is administered by Kentucky State College at Frankfort with the full cooperation of the participating schools. The seven month internship in residence at the capital of Kentucky may be started at the beginning of the summer or during the fall or spring semester of each school year.

FRANKFORT SEMESTER COURSES

POLITICAL SCIENCE 440. Internship in State Government. An in-service vocational experience in a state agency which accompanies and is related to the Frankfort Semester classroom course work. Monthly written reports are prepared. The work supervisor in the agency assists in the grade determination. Credit 3 hours.

POLITICAL SCIENCE 441. Public Personnel Administration. A study of public personnel administration, including the development of merit civil service, the personnel agency, classification, recruitment, examination techniques, employee relations and morale, promotion service ratings, training, discipline, tenure, transfer and retirement. Credit 3 hours.

POLITICAL SCIENCE 443. Legislative Process. A comprehensive study of legislative organization, procedure and problems covering the legislative power structure, the selection of legislators and the roles they play as well as decision-making and the relations of the legislative and executive branches. The course includes opportunities for student contact with the legislative sessions of the Commonwealth of Kentucky. Credit 3 hours.

POLITICAL SCIENCE 445. State Financing. A study of the principles of taxation with special reference to their application to the tax systems of the Federal, State and local levels. Included is a survey of governmental financial procedures and processes of current and capital budgeting, the administration of public borrowing, the techniques of public purchasing and the machinery of control through pre-audit and post-audit. Credit 3 hours.

POLITICAL SCIENCE 449. Special Problems in Public Administration. A research course in selected problems of public administration. Topics are assigned for investigation in the field of State Government and a research paper on the individual project is prepared. Credit 4 hours.

DEPARTMENT OF HOME ECONOMICS

The educational program of the Home Economics Department is planned to:

1. Prepare young men and women for professional careers in:
 - a. Home Economics Education
 - b. Nutrition Education and Services
 - c. Food Service Management
 - d. Nutrition and Food Science Research
2. Help students become creative, effective individuals and family members, and responsible citizens.
3. Provide a minor in Home Economics for students in other major areas.
4. Provide electives for non-majors interested in certain areas of Home Economics.

In pursuit of these goals, current trends in social, economic, technological, and scientific developments greatly influence the nature of course offerings.

All 100 courses, Home Economics 205, 208, 303, 306, 308 are open to students in other major areas. Permission of instructor is required. All courses are offered every year unless otherwise stated.

**CURRICULUM
HOME ECONOMICS EDUCATION**

FRESHMAN YEAR

	First Semester	Hours	Second Semester	Hours
Biol.	103—Life Science	4	Biol. 104—Life Science	4
Eng.	101—English Composition	3	Eng. 102—English Composition	3
Hist.	101—World Civilization	3	Hist. 102—World Civilization	3
H.Ec.	100—Applied Art & Design	4	H.Ec. 104—Child Care & Develop.	4
H.Ec.	101—Intro. to Foods	3	H.Ec. 108—Textiles & Clothing	3
Ed.	100—Freshman Orientation	1/2	P.Ed. 102—Orient. in Phy. Ed.	1/2
P.Ed.	101—Orient. in Phy. Ed.	1/2		
		18		17 1/2

SOPHOMORE YEAR

	First Semester	Hours	Second Semester	Hours
Chem.	101—General Chemistry	4	Chem. 102—General Chemistry	4
Eng.	211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
Soc.	201—Intro. to Social Sci.	3	Soc. 202—Intro. to Social Sci.	3
Ed.	222—Human Develop. & Psy. II	3	H.Ec. 204—Family Clothing	3
H.Ec.	201—Meal Planning & Service	3	H.Ec. 208—Housing Prob. & Pol.	3
Mus.	221—Music Appreciation	2	Mus. 222—Music Appreciation	2
P.Ed.	201—Recreational Activ.	1/2	P.Ed. 202—Recreational Activ.	1/2
		18 1/2		18 1/2

JUNIOR YEAR

	First Semester	Hours	Second Semester	Hours
H.Ec.	205—Family Health & Home Care of Sick	2	Biol. 302—General Microbiology	3
H.Ec.	303—Household Equipment	3	H.Ec. 302—Nutrition & Dieteries	3
H.Ec.	307—Advanced Clothing	3	H.Ec. 304—Home Furnishings and Design	3
Econ.	211—Prin. of Economics	3	H.Ec. 306—Family Relationships	4
Elective		4	H.Ec. 308—Family Consumer Prob.	3
		15		16

SENIOR YEAR

	First Semester	Hours	Second Semester	Hours
Soc.	305—Contemp. Soc. Prob.	3	Ed. 412—Admin. of Pub. Schools	3
H.Ec.	400—Home Management	5	Ed. 410HE—Meth. of Tech. H.Ec.	4
Elective — Home Economics		4	Ed. 400—Supervised Teaching	8
General Elective		3		
		15		15

Note: Students must supply the following apparel for foods laboratory classes: Uniforms with short sleeves made of drip-dry fabric; one pair of white oxfords or equivalent.

NUTRITION EDUCATION & SERVICES

FRESHMAN YEAR

	First Semester	Hours	Second Semester	Hours
Biol.	103—Life Science	4	Biol. 104—Life Science	4
Eng.	101—English Composition	3	Eng. 102—English Composition	3
Hist.	101—World Civilization	3	Hist. 102—World Civilization	3
Ed.	100—Freshman Orientation	1/2	H.Ec. 108—Textiles & Clothing	3
P.Ed.	101—Orient. in Phy. Ed.	1/2	P.Ed. 102—Orient. in Phy. Ed.	1/2
H.Ec.	100—Applied Art & Design	4	H.Ec. 102—Nutrition for man	3
				17 1/2
			18	

SOPHOMORE YEAR

	First Semester	Hours	Second Semester	Hours
Chem.	101—General Chemistry	(4)5	Chem. 102—General Chemistry	(4)5
Eng.	211—Intro to Literature	3	Eng. 212—Intro. to Literature	3
Soc.	201—Intro. to Social Sci.	3	Soc. 202—Intro. to Social Sci.	3
Mus.	221—Music Appreciation	2	Mus. 221—Music Appreciation	2
P.Ed.	201—Recreational Activ.	1/2	P.Ed. 202—Recreational Activ.	1/2
H.Ec.	201—Meal Planning & Service	3	H.Ec. 104—Child Care & Develop.	4
			(15 1/2) 16 1/2	
				(16 1/2) 17 1/2

JUNIOR YEAR

	First Semester	Hours	Second Semester	Hours
Ed.	203—General Psychology	3	Soc. 302—Intro to Sociology	3
H.Ed.	205—Family Health	2	Soc. 305—Contemporary Social Problems or Sociology	
P.S.	307—Public Administration	3	Elective	3
Econ.	211—Prin. of Economics	3	H.Ec. 302—Nutrition & Dieteries	3
Soc.	301—Intro. to Sociology	3	H.Ec. 208—Housing Problems	3
H.Ec.	305—Nutrition (of development)	2	*Elective —In Lit. or Speech	2-3
				14 15
				16

SENIOR YEAR

	First Semester	Hours	Second Semester	Hours
Ed.	222—Human Develop. II	3	Soc. 303—Cultural Anthropology or Sociology	3
Soc.	401—Sociology Psychology or Sociology Elective	3	H.Ec. 308—Family Consumer Prob.	3
Soc.	403—Intro. to Social Work	3	H.Ec. 306—Family Relations	4
H.Ec.	401—Advanced Foods	4	H.Ec. 491—Senior Problems in Foods & Nutrition or NFS-UK	
*Elective —			503—Community Nutrition	2-3
				15(16)
				16

Electives

*Could choose H. E. 303, Household Equipment; Ed. 442, Audio Visual Ed. 3; Eng. 201, Public Speaking 2; Eng. 332, Journalism 3; Math. 100, Fundamentals of Mathematics 3.

Food Service Management

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Biol. 103—Life Science	4	Biol. 104—Life Science	4
Eng. 101—English Composition	3	Eng. 102—English Composition	3
B.A. 111—Business Math	3	B.A. 112—Business Math	3
H.Ec. 100—Applied Art & Design	4	H.Ec. 102—Nutrition for Man	3
H.Ec. 101—Intro. to Foods	3	H.Ec. 104—Child Care & Dev.	4
Ed. 100—Freshman Orientation	1/2	P.Ed. 102—Orient. in Phy. Ed.	1/2
P.Ed. 101—Orient. in Phy. Ed.	1/2		
	18		17 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Chem. 101—Gen. Chem. (arranged)	5	Chem. 102—Gen. Chem. (arranged)	5
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
B.A. 261—Prin. of Accounting	4	B.A. 262—Prin. of Accounting	4
H.Ec. 201—Meal Planning & Serv.	3	H.Ec. 108—Textiles & Clothing	3
P.Ed. 201—Recreational Activ.	1/2	P.Ed. 201—Recreational Activ.	1/2
	18 1/2		18 1/2

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Biol. 301B—Human Physiology	3	Biol. 302—Gen. Microbiology	3
Soc. 201—Intro. to Social Sci.	3	Ed. 203—Gen. Psychology	3
Econ. 211—Prin. of Econ. I	3	Econ. 212—Prin. of Economics II	3
Mus. 221—Music Appreciation	2	Mus. 222—Music Appreciation	2
H.Ec. 205—Family Health	2	H.Ec. 302—Nutrition & Dietaries	3
Eng. 201—Public Speaking	2	Soc. 202—Intro. to Social Sci.	3
B.A. 361—Inter. Accounting	3		
	18		17

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
NFS 342—Institutional Foods (UK)	4	NFS 340—Institutional Foods (UK)	4
NFS 542—Institutional Equip.	3	NFS 546—Institution Organiza. & Management	3
B.A. 481—Cost Accounting	3	H.Ec. 491—Senior Problems of Advanced Food Management	3
Elective —In Foods & Nutrition 2 or 4		B.A. 333—Personnel Admin.	3
	12 or 14		16

CURRICULUM IN NUTRITION AND FOOD SCIENCE RESEARCH

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Chem. 101—Gen. Chemistry	5***	Chem. 102—Gen. Chemistry	5***
Math. 101—College Algebra	3	Math. 102—Trigonometry	3
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Ed. 100—Freshman Orient.	1/2	H.Ec. 102—Nutrition for Man	3
P.Ed. 101—Physical Education	1/2	P.Ed. 102—Physical Education	1/2
H.Ec. 101—Intro. to Foods	3		
	18		17 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Biol. 103—Life Science	4	H.Ec. 104—Child Care Dev.	4(5)
Chem. 203—Quantitative Anal. I	5***	H.Ec. 108—Textiles & Clothing	3
Eng. 211—Intro. to Literature	3	Biol. 104—Life Science	4
Soc. 201—Intro. to Sociology	3	Eng. 212—Intro. to Literature	3
H.Ec. 201—Meal Planning and Service	3	H.Ec. 201—Meal Planning and Service	3
P.Ed. 201—Recreational Activ.	1/2	P.Ed. 202—Recreational Activ.	1/2
	18 1/2		16 1/2 (17 1/2)

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Chem. 201—Organic Chemistry	5***	Chem. 202—Organic Chemistry	5***
Econ. 211—Prin. of Economics	3	Biol. 302—General Bacteriology	3
H.Ec. 205—Family Health	2	H.Ec. 302—Nutrition & Dietaries	3
Biol. 301B—Human Physiology	3	Chem. 305—Biochemistry/NFS-Uk	3
Mus. 221—Music Appreciation	2	311—Nutritional Bio-chemistry	4 or 3
H.Ec. 305—Nutrition of Dev.	2	Mus. 222—Music Appreciation	2
	17		17 or 16

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Sci. 211—General Physics	4	*H.Ec. 491—Problems in Nutrition.	3*
NFS-Uk 512—Normal & Therapeutic Nutrition	5	H.Ec. —General Electives (not in Foods & Nutrition)	7
H.Ec. 491—Senior Problems of Advanced Food Management	4	P.S. 311—American Government or Elective	3
H.Ec. 401—Advanced Foods	4		
H.Ec. —General Elective** (not in Foods & Nutrition)	3		
	16		13

***Arranged

COURSE DESCRIPTION

HOME ECONOMICS 100. Applied Art and Design. The appreciation of art and design; their relation and application to problems in everyday life. Credit 4 hours.

HOME ECONOMICS 101. Introduction to Foods. Source, selection, preparation and preservation of food materials, individual laboratory problems illustrating principles of cookery and their application. Credit 3 hours.

HOME ECONOMICS 102. Nutrition for Man. An introduction to nutrition with emphasis on food as a world force, on cultural and economic aspects of current nutritional problems, and on roles of agencies in seeking their solution. Nutritional aspects of ethnic folkways will be included. Credit 3 hours.

HOME ECONOMICS 104. Child Care and Development. Growth and development of the child from birth to five years. Observation and experience with pre-school children. Offered as an elective to non-majors. Permission of instructor required. Credit 4 hours.

HOME ECONOMICS 108. Textiles and Clothing. Study of chemical and physical properties of textile fibers, fabric construction, and labeling. Basic principles underlying use of patterns, construction, and fitting of simple garments. Credit 3 hours.

HOME ECONOMICS 201. Meal Planning and Service. Nutritionally adequate menus at various cost levels. Meal preparation and service for various occasions. Prerequisites: Home Economics 100 and 101. Credit 3 hours.

HOME ECONOMICS 204. Family Clothing. A study of family consumer clothing problems: construction for men, women and children. Prerequisite: Home Economics 108. Credit 3 hours.

HOME ECONOMICS 208. Housing Problems and Policies. Analysis of factors making housing a problem. Standards and governmental problems related to housing. Credit 3 hours.

HOME ECONOMICS 302. Nutrition and Dietaries. Human requirements for dietary essentials as modified by age, sex, occupation, and other factors. Construction of practical diets to meet requirements. Prerequisites: Home Economics 201; Chemistry 101, 102; and concurrent Biology 302. Credit 3 hours.

HOME ECONOMICS 303. Household Equipment. Principles involved in the selection, construction, operation, and care of household equipment, and their relation to the well-being of the family. Credit 3 hours.

HOME ECONOMICS 304. Home Furnishings and Design. Planning and decorating the house to meet personal and economical problems involved in comfortable present day living. Trends in

home furnishings, designs, arrangements, color in use as background information. Prerequisites: Home Economics 100, 108, 204, and 208. Credit 3 hours.

HOME ECONOMICS 305. Nutrition of Development. A study of changing nutritional needs of individuals as influenced by their level of development in the life cycle. Credit 3 hours.

HOME ECONOMICS 306. Family Relationships. The study of the inter-relationships of family members. An analysis of financial problems, use of leisure time and the study of how significant technological changes affect family life. Credit 4 hours.

HOME ECONOMICS 307. Advanced Clothing. The study of historic and period costumes, accessories, and tailoring. Practical experience in constructing garments of wool and more delicate fibers. Prerequisite: Home Economics 108 and 204. Credit 3 hours.

HOME ECONOMICS 308. Family Consumer Problems. Analysis of family economical aspects; responsibilities of family members in employing effective measures toward getting maximum benefit from family income. Credit 3 hours.

HOME ECONOMICS 400. Home Management. Experiences are provided for each student to plan, coordinate, and evaluate the various activities involved in managing a home. Residence of six to eight weeks in the Home Management House is required. Prerequisites: Home Economics 302, and Senior Standing. Credit 5 hours.

HOME ECONOMICS 401. Advanced Foods. The application of basic principles in the preparation of food for groups larger than the family; emphasis on tools and control management, select recipes, menus and appropriate decorations for special occasions and meals; instruction on new food products; and introduction to the techniques of food research. Prerequisite: Home Economics 302. Credit 4 hours.

HOME ECONOMICS 491. Senior Problem in Foods and Nutrition. Independent study designed to integrate concepts through supervised experience in the area of (1) Nutrition education service (2) Food service management or (3) Nutrition and food science research. Credit 3 hours.

DEPARTMENT OF INDUSTRIAL ARTS

The Industrial Arts program is an integral part of the general education program. It is organized on a basis to reflect the broad aspects of modern industry and technology, with areas centered mainly around those programs that are developed in shopwork and laboratories.

The teaching areas of Industrial Arts at Kentucky State College are designed to prepare students to teach in the secondary schools,

as well as to provide a foundation for graduate education. The curricula are designed to foster creative abilities, reflect basic interests, and apply basic skills in the use of tools and materials of industry.

The total Industrial Arts program at Kentucky State College contains four options. There are two shop teaching areas; the area of concentration and the major. The two non-teaching areas are a minor for outside majors and the technologies leading to associate degrees in two areas, drafting and electronics.

The teaching area shall consist of a minimum of 48 hours. Of this total, at least 45 hours shall be in laboratory courses, and Industrial Arts 362. The 45 laboratory hours shall consist of experiences in at least five of the following areas: woods, metals, drafting, power mechanics, crafts, and electricity. One of the above areas must be drafting. The maximum concentration in any one area shall not exceed 18 semester hours.

The teaching major in Industrial Arts shall consist of a minimum of 36 hours, and Industrial Arts 362. The laboratory courses shall consist of a minimum of six hours in at least three of the above areas. One of the areas must be drafting. The maximum in any one area shall not exceed 9 semester hours.

The non-teaching minor shall have a minimum of 18 hours. There shall be a minimum of 9 hours in one of the areas. Six of the additional hours must be related.

The technology option leading to associate degrees is listed in another area of the catalogue.

All courses are offered every year unless otherwise stated.

CURRICULUM

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
I. A. 101—Mechanical Drawing	3	I. A. 102—Mechanical Drawing	3
Math. 100—Fundamentals of Math.	3	I. A. 111—General Shop	3
—Foreign Lang. Elective	3	—Foreign Lang. Elective	3
Ed. 100—Freshman Orientation	1/2	P.Ed. 102—Orient. in Phy. Ed.	1/2
P.Ed. 101—Orient. in Phy. Ed.	1/2		
	19		18 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Soc. 201—Intro. to Social Sci.	3	Soc. 202—Intro. to Soc. Sci.	3
Sci. 201—Intro. to Physical Sci.	3	Sci. 202—Intro. to Physical Sci.	3
Ed. 203—General Psychology	3	Ed. 222—Human Develop. &	
I.A. 213—Elem. Woodworking	3	Psy. II	3
I.A. 223—Basic Electricity	3	I.A. 214—Cabinet Making	3
Eng. 211—Intro. to Literature	3	I.A. 201—General Metal	3
P.Ed. 201—Recreational Activ.	1/2	Eng. 212—Intro. to Literature	3
	18 1/2	P.Ed. 202—Recreational Activ.	1/2
			18 1/2

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Econ. 211—Prin. of Economics	3	P.Ed. 221—Health & Safety Ed.	2
Soc. 305—Contempt. Soc. Prob.	3	I.A. 312—Industrial Arts Design	3
I.A. 303—Machine Shop	3	I.A. 323—Basic Electronics	3
I.A. 315—Machine Woodworking	3	I.A. 302—General Shop	3
Elective (Ind. Arts)	3	Math. 102—Trigonometry	3
		Elective	3
	15		17

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
I.A. 411—Machine Design	3	Ed. 410IA—Meth. of Tchg. Industrial Arts	3
or		Ed. 412—Admin. of Pub. Schools	3
I.A. 451—Architectural Drawing	3	Ed. 424—Foundations of Ed.	3
I.A. 324—Basic Electronics	3	Ed. 400—Supervised Teaching	8
I.A. 362—Prep. of Instructional Materials	2		
I.A. 401—Machine Shop	3		
Ed. 452—Fund. of Secondary Ed.	3		
Elective	3		
		17	17

COURSE DESCRIPTION

INDUSTRIAL ARTS 101. Mechanical Drawing. Freehand lettering. Care of the exercises in the use of instruments. Principles of orthographic projection, sketching, and dimensioning. Contour line construction. Credit 3 hours.

INDUSTRIAL ARTS 102. Mechanical Drawing. Inked drawings. Sections and conventions. Problems in machine drawing and surface development. Credit 3 hours.

INDUSTRIAL ARTS 103. Power Mechanics I. Principles of power sources and basic mechanisms, disassembly, inspection, measurement, adjustment, and tuneup of the two and four cycle small gasoline engine. (Alternate course) Credit 3 hours.

INDUSTRIAL ARTS 111. General Shop (Crafts). Introductory course involving basic units in crafts not introduced in other courses. There will be projects and exercises in leather, graphic arts and art metal. Credit 3 hours.

INDUSTRIAL ARTS 113. Power Mechanics II. Study of the multi-cycle engine, fuels and fuel systems, lubrication, cooling, ignition, tests, tune-up, adjustment, and minor repair. (Alternate course) Credit 3 hours.

INDUSTRIAL ARTS 123. Descriptive Geometry. The representation of points, lines and planes in relative positions. Intersection of lines with plane surfaces; intersection of surfaces; size and shape of plane areas and development of curved surfaces. (Alternate course) Credit 3 hours.

INDUSTRIAL ARTS 201. General Metal. Metal layout and design. Operation and information units in bench metal, forging, heat

treating, welding, plumbing, and spinning; practice and construction of projects. Technical study of working properties of metals. Credit 3 hours.

INDUSTRIAL ARTS 213. *Elementary Woodwork.* Care and use of hand tools. Study of woodworking materials. Simple joinery. Use of wood finishing materials. Credit 3 hours.

INDUSTRIAL ARTS 214. *Cabinet Making.* Advanced hand woodworking units; operation of common woodworking tools; care and sharpening of tools; related information; construction and finishing of furniture projects. Credit 3 hours.

INDUSTRIAL ARTS 223. *Basic Electricity.* Basic study through intensive laboratory experimentation of instruments found in the shop. Direct current, voltage and resistance measurements, laws pertaining to DC. magnets and magnetic fields. Alternating current, capacitance, impedance, and inductance. Credit 3 hours.

INDUSTRIAL ARTS 243. *Residential and Industrial Electricity.* Power wiring principles, (materials, and problems involved). DC motor and generator principles, systems and controls. Thorough study and examination of AC motors and alternators and conditions affecting the lines, such as, resistance, capacitance, and inductance relating to power factor. Credit 3 hours.

INDUSTRIAL ARTS 302. *General Shop (Ceramics and Plastics).* Technical information and product development in plastic and ceramic art. Plastic fabrication, construction of molds and forms, and tooling plastics. Experience in industrial ceramic production, and developing problems and projects for clay. Credit 3 hours.

INDUSTRIAL ARTS 303. *Machine Shop.* Use of files, chisels and other bench tools. Use of precision instruments. Beginning practice on the lathe, shaper, drill press, grinder, and milling machine. Credit 3 hours.

INDUSTRIAL ARTS 312. *Industrial Design.* Problems of design in furniture. Decorative design. Other problems of design in industry as special problems of the draftsman. Credit 3 hours.

INDUSTRIAL ARTS 315. *Machine Woodworking.* Production work on woodworking machines. Cabinet assembly. Maintenance of woodworking machinery. Credit 3 hours.

INDUSTRIAL ARTS 323. *Basic Electronics I.* Review of basic electricity. Study starts with series and parallel circuits containing resistance, inductance and capacitance. Resonance and phase-shifting networks. Semiconductors and tube-type diode circuits and all types of power supplies and rectifiers. Transistor and tube characteristics, DC and AC amplifiers. (Intensive laboratory work with set-up and testing in each experiment.) 3 credit hours.

INDUSTRIAL ARTS 324. *Basic Electronics II.* (Applied Electronics in Communication) Further study in amplifiers both tube and solid state. Detector circuits and T-R-F receivers. Oscillators of all types, Silicon control, rectifier circuits, and integrated circuits. Course is completed with possible construction of student-designed project initiated by a paper to be turned in by mid-semester. (All study is done in conjunction with both student and instructor-done laboratory experiments.) 3 credit hours.

INDUSTRIAL ARTS 362. *Preparation and Evaluation of Instructional Material.* Advantages and disadvantages of written instruction. Types of instruction sheets. Duplicating and the proper choice of instructional material. Types of audiovisual instructional materials and their use. Credit 2 hours.

INDUSTRIAL ARTS 401. *Machine Shop.* More difficult work on lathe, thread cutting, knurling, boring and taper turning. Further use of shaper, drill press, and milling machine. Credit 3 hours.

INDUSTRIAL ARTS 411. *Machine Design.* More technical drafting of machine parts. Development of cams, gears, and other linkage devices. Technical methods of drawing detailed and assembly drawing, with excessive use of machinist handbooks. Special problems in machine design. Credit 3 hours.

INDUSTRIAL ARTS 451. *Architectural Drawing.* Foundation and floor plans. Elevations. Sections and details of house construction. Architectural symbols. A complete home is planned and drawn, including land plot. Estimating and specifications. Credit 3 hours.

DEPARTMENT OF MATHEMATICS

The objectives of the Department of Mathematics and Physics are:

- (1) To offer a major in mathematics for those who plan to teach mathematics and prepare for advance study.
- (2) To give the mathematics back-ground for students of science, statistics, and engineering.
- (3) To give a general picture of the important part mathematics has played in the development of civilization in ancient and modern times.

MAJOR PROGRAM:

The Department of Mathematics offers courses leading to Bachelor of Science degree. There are three curricula open to students who desire a major in Mathematics. Each student entering the college is given a mathematics placement test. The placement test determines whether a student enters Curriculum I or Curriculum II. Students who plan to teach and desire certification must follow Curriculum III. Credit toward a major in Mathematics will not be allowed for Mathematics 100, 103, 104 or 314.

(a) Grades of "C" and above must be earned by Majors in all Mathematics courses taken.
 (b) Students desiring to major in Mathematics must obtain approval from the Head of Department.

MINOR PROGRAM:

A minimum of 18 hours is needed for a Minor in Mathematics. There are two plans: Plan I is to be followed by students who are admitted to Freshman Mathematics I; Plan II, those admitted to Mathematics 101 — College Algebra.

(a) Grades of "C" or above must be earned by all Minors in Mathematics courses taken.
 (b) Mathematics 100, 103, 104 and 314 will not be allowed for credit toward a Minor.
 (c) Students desiring to Minor in Mathematics must obtain approval from Head of the Mathematics Department.

CURRICULUM I

CURRICULUM FOR MATHEMATICS MAJORS WITHOUT CERTIFICATION

(Placement Test Shows Students should Enter Mathematics 101)

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Math. 101—College Algebra	3	Math. 102—Trigonometry	3
Eng. 101—Eng. Comp.	3	Eng. 102—Eng. Comp.	3
Fren. 101—Elementary French	3	Fren. 102—Elem. French	3
Biol. 103—Life Science	4	Biol. 103—Life Science	4
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
PED. 101—Orient. in PED	½	PED. 102—Orient. in PED	½
Ed. 100—Fresh. Orient.	½		
	17		16½

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Math. 203—Calculus	3	Math. 204—Calculus	3
Math. 201—Plane Analytic Geom.	3	Sci. 202—Solid Anal. Geom.	3
Ed. 203—General Psychology	3	Ed. 222—Human Dev. & Psy. II	3
Soc. 201—Intro. to Soc. Sci.	3	Soc. 202—Intro. to Soc. Sci.	3
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
PED. 201—Rec. Activity	½	PED. 202—Rec. Activity	½
	15½		15½

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Math. 307—Linear Alg.	3	Math. 309—Modern Geom.	3
Elective	8	Elective	8
Sci. 211—Gen. Physics	4	Math. 303—Differential Eq.	3
PED. 221—Health & Safety	2	Sci. 212—Gen. Physics	4
	17		18

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Math. 403—Adv. Calc. I	3	Math. 404—Adv. Calc. II	3
Math. 401—Mod. Algebra I	3	Math. 402—Mod. Alg. II	3
Elective	6	Elective	6
	12		12
			18
			15

Total 132 hrs.
 Math. Total 39 hrs.
 Elective 37 hours giving Student Chance to take a second major.

CURRICULUM II

CURRICULUM FOR MATHEMATICS MAJORS WITHOUT CERTIFICATION

(Placements Test Show Students Eligible to Take Mathematics 105)

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Math. 105—Fresh. Math. I	3	Math. 105—Fresh. Math. II	3
Eng. 101—Eng. Comp.	3	Eng. 101—Eng. Comp.	3
Fren. 101—Elementary French	3	Fren. 102—Elem. French	3
Biol. 103—Life Science	4	Biol. 103—Life Science	4
Hist. 101—World Civilization	3	Hist. 101—World Civilization	3
Ed. 100—Fresh. Orientation	½	P.Ed. 101—Orient. in P.Ed.	½
	17		16½

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Math. 203—Calculus	3	Math. 204—Calculus	3
Sci. 211—General Physics	4	Sci. 212—General Physics	4
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
Soc. 201—Intro. to Soc. Sci.	3	Soc. 202—Intro. to Soc. Sci.	3
Ed. 203—General Psychology	3	Ed. 222—Human Dev. & Psy. II	3
P.Ed. 201—	½	P.Ed. 202—Rec. Activity	½
	16½		16½

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Math. 307—Linear Algebra	3	Math. 309—Modern Geometry	3
Elective (General)	6	Math. 303—Diff. Equations	3
Elective (Minor)	6	Elective (Minor)	6
P.Ed. 221—Health & Safety	2	Elective (General)	3
	17		15

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Math. 403—Adv. Calculus I	3	Math. 404—Adv. Calculus II	3
Math. 401—Mod. Algebra I	3	Math. 402—Mod. Alg. II	3
Elective (Minor)	6	Elective (Minor)	6
Elective (General)	3	Elective (General)	3
	15		15

CURRICULUM III
CURRICULUM FOR MATHEMATICS WITH
CERTIFICATION

FRESHMAN YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Math. 101—College Algebra	3	Math. 102—Trigonometry	3
or		or	
Math. 105—Freshman Math. I	3	Math. 106—Freshman Math. II	3
Eng. 101—English Composition	3	Eng. 102—Eng. Comp.	3
Fren. 101—Elementary French	3	Fren. 102—Elementary French	3
Biol. 103—Life Science	4	Biol. 103—Life Science	4
Hist. 101—World Civilization	3	Hist. 101—World Civilization	3
Ed. 100—Fresh. Orientation	½	P.Ed. 102—Orient. in P.Ed.	½
P.Ed. 101—Orient. in P.Ed.	½		
	17		16½

SOPHOMORE YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Math. 203—Calculus	3	Math. 204—Calculus	3
Math. 201—Plane Anal. Geom.	3	Math. 202—Solid Anal. Geom.	3
Ed. 203—General Psychology	3	Ed. 222—Human Dev. & Psy. II	3
Soc. Sci. 201—Intro. to Soc. Sci.	3	Soc. Sci. 202—Intro. to Soc. Sci.	3
Eng. 211—Intro. to Lit.	3	Eng. 212—Intro. to Lit.	3
P.Ed. 201—Rec. Act.	½	P.Ed. 202—Rec. Act.	½
	15½		15½

JUNIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Math. 307—Linear Algebra	3	Math. 306—College Geom.	3
Elective —(Minor)	6	Elective —(Minor)	3
Sci. 211—Gen. Physics	4	Math. 302—Ele. Number Theory	3
Elective —(Pre-Professional)	3	or	
P.Ed. 221—Health & Safety	2	Math. 303—Differential Equation	3
	18	Elective —(Pre-Professional)	3
		Ed. 452—Fund. of Sec. Ed.	3
			18

SENIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Math. 403—Adv. Calculus	3	Ed. 412—Adm. of Pub. Schs.	3
Math. 401—Modern Alg.	3	Ed. 410—Teaching of Math.	3
Elective —Minor	9	Ed. 400—Supervised Teaching	8
Elective —(Pre-Professional)	3		
	18		14

Requirements for Minor in Mathematics

Students who plan to take a minor in Mathematics will have two plans open to them: Plan I and Plan II. In each of them a minimum of 18 hours is offered; either may be completed for the minor in Mathematics.

A minimum of 18 hours is needed for a minor in Mathematics. Mathematics 100 may not be used for credit toward a minor in Mathematics.

<i>Plan I</i>	<i>Hours</i>	<i>Plan II</i>	<i>Hours</i>
Math. 105—Fresh. Math. I	3	Math. 101—College Algebra	3
Math. 106—Fresh. Math. II	3	Math. 102—Trigonometry	3
Math. 202—Solid Anal. Geometry	3	Math. 201—Plane Analytic Geom.	3
Math. 203—Calculus I	3	Math. 202—Solid Analytic Geom.	3
Math. 204—Calculus II	3	Math. 203—Calculus I	3
Math. 303—Differential Equations	3	Math. 204—Calculus II	3
		Math. 303—Differential Equations	3
			21
	18		

COURSE DESCRIPTION

NOTE: Mathematics 100 is designed to meet the needs of students who show by their entrance test, that they are not ready for Mathematics 101. This course may not be used for credit toward a major in Mathematics.

MATHEMATICS 100. Fundamentals of Mathematics. Fundamental operations with integers and fractions, simple equations and their solutions, ratio, proportions, percentages, exponents, variations, quadratic equations, logarithms, functional relationship, graphs, progressions. Credit 3 hours.

MATHEMATICS 101. College Algebra. Sets and numbers, some principles of logic, inequalities, coordinates system, graphs, quadratic function, determinants, polynomials, inverse functions, permutations, combination & binomial theorem, mathematical induction, exponential and logarithmic function, complex numbers. Credit 3 hours.

MATHEMATICS 102. Trigonometry. Definitions and properties of trigonometric functions, right triangle, trigonometric identities, inverse functions, oblique triangles, complex numbers, DeMoivre's Theorem. Credit 3 hours.

MATHEMATICS 103. Foundations of Mathematics for Elementary Teachers. Nature of mathematics, role of mathematics in our culture, deductive reasoning, nature of proof. Sets, whole number system, numeration systems, bases, non-negative rational numbers, introduction to negative rational numbers. Special attention will be given to needs of elementary teachers. Prerequisite: 2 units high school mathematics. Credit 3 hours.

MATHEMATICS 104. Foundations of Mathematics for Elementary Teachers. Continuation of Mathematics 103. Elementary number theory—modular arithmetic, real number system—informal discussion of structure. Prerequisite: Mathematics 103 or equivalent. Credit 3 hours.

MATHEMATICS 105. Freshman Mathematics I. Sets, Relations and Functions, Elementary logic in Mathematics. Real Numbers, Introduction to Plane Analytic Geometry (Linear Functions), Combinations of Functions. Prerequisite: ACT test 85 Percentile, Credit 3 hours.

MATHEMATICS 106. Freshman Mathematics II. Continuation of Mathematics 105. Conic Sections. Polar Coordinates, Vectors in Plane, Matrices and Determinants, Vectors in space. Quadric Surfaces. Prerequisite: Mathematics 105. Credit 3 hours.

MATHEMATICS 107. Basic Concepts of Mathematics. Some principles of Logic, Algebra of Sets, Equivalence Relations, Functions, Boolean Algebra, Order Relations. Number systems — Rational, Real and Complex. Numbers, Groups. Prerequisite: Mathematics 106 or consent of Instructor. Credit 3 hours.

MATHEMATICS 108. Basic Concepts of Mathematics. Continuation of Mathematics 107. Rings, Fields, Vector Algebra, Sequences and Series, Limits and Continuity Concepts, Derivative and Integral. Prerequisite: Mathematics 107. Credit 3 hours.

MATHEMATICS 201. Plane Analytic Geometry. A study of rectangular coordinates, lines, transformations of coordinates, circles, parabola, ellipse and hyperbola, curves of higher degree, exponential and logarithmic curves, parametric equations, polar coordinates, curve fitting. Prerequisite: Mathematics 101 and 102. Credit 3 hours.

MATHEMATICS 203. Calculus. Variables, functions and limits, differentiation of algebraic functions and applications, introduction to integration, differentiation of transcendental functions and applications. Law of Mean. Prerequisite or concurrent: Mathematics 201. Credit 3 hours.

MATHEMATICS 204. Calculus. A continuation of Mathematics 203. Methods of integration, application, partial differentiation, L'Hospital Rule, Maclaurin's and Taylor's series. Prerequisite: Mathematics 203. Credit 3 hours.

MATHEMATICS 302. Elements of Theory of Numbers. Topics discussed include the basic divisibility properties of integers, The Prime Number Theorem, Congruences and Multiplicative number theoretic functions. Prerequisite: Consent of instructor. Credit 3 hours.

MATHEMATICS 303. Differential Equations. This course is designed to meet the needs of students of Pure and Applied Mathematics and Science. Prerequisite: Mathematics 204. Credit 3 hours.

MATHEMATICS 306. College Geometry. Geometrical construction, properties of triangle, transversals, harmonic ranges, Cross

ratio. Designed for students who expect to teach high school geometry. Prerequisite: Lecture and recitation. Credit 3 hours. (Consent of Instructor.)

MATHEMATICS 307. Linear Algebra. Coordinates, vectors, vector spaces, subspaces, Euclidean N-space, determinants, linear transformation, linear transformation & matrices, bilinear and quadratic forms. Prerequisite: Mathematics 203. Credit 3 hours.

MATHEMATICS 309. Introduction to Modern Geometry. Historical introductions, Axiom systems, Projective plane geometry, linear transformations, Projective Metric Geometry, Circular Transformations. Prerequisite: Mathematics 306 or Consent of Instructor. Credit 3 hours.

MATHEMATICS 311. Elementary Vector Analysis. Algebra of vectors, calculus of vectors. Prerequisite: Mathematics 303. Credit 3 hours.

MATHEMATICS 314. Teachers' Arithmetic. A review of the essentials of arithmetic, development of skills, accuracy, and methods of teaching fundamentals of arithmetic to pupils in the elementary school. Credit 3 hours.

MATHEMATICS 401. Modern Algebra I. Operations, Permutations, Group, Isomorphism, Homomorphisms, Factor Groups, Sylows Theorem, Applications. Prerequisite: Consent of Instructor. Credit 3 hours.

MATHEMATICS 402. Modern Algebra II. Continuation of Mathematics 401. Rings, Integral domains, Quotient rings and Ideals, Extension fields, Vector spaces. Prerequisite: Mathematics 401. Credit 3 hours.

MATHEMATICS 403. Advanced Calculus I. Real numbers and Euclidean N-space, continuous Functions, Differentiable functions of one variable, of several variables. Riemann Integral. Credit 3 hours.

MATHEMATICS 404. Advanced Calculus II. Classical Lebesgue Integral, Power Series, Fourier Series. Curves, Surfaces and Integral Theorem, Divergence, Theorems of Green and Stokes. Some Applications. Credit 3 hours.

MATHEMATICS 405. Sets, Logic, and Foundations of Mathematics. Point-sets. An elementary account of mathematical logic and some of the developments in connection with the foundations of mathematics. Consent of instructor. Credit 3 hours.

PHYSICS

SCIENCE 211. General Physics. A general elementary course covering Mechanics, Wave Motion, Heat, Electronics. Prerequisite: Mathematics 101 and 102. Credit 4 hours.

SCIENCE 212. General Physics. A continuation of Science 211. Current electricity, sound, light, and an introduction to atomic structure. Prerequisite: Science 211. Credit 4 hours.

SCIENCE 303. Electricity and Magnetism. For students who desire to continue the study of electricity and magnetism begun in Science 212. Covering the Theory and Use of electrical equipment, Methods of Measuring Current, power, electromotive force, inductance and capacitance. Prerequisite: Science 212 and Mathematics 204. Credit 3 hours.

DEPARTMENT OF MODERN FOREIGN LANGUAGES

The Department of Modern Foreign Languages offers courses in French, Spanish and German, with majors and minors in the first two languages. A major in French or Spanish shall consist of twenty-four (24) semester hours, exclusive of the elementary courses (101, 102), and, in some instances, of the elementary and intermediate courses (201, 202).

The minor shall consist of eighteen (18) semester hours, exclusive of the elementary courses (101, 102). All majors must take a course in "Methods of Teaching Modern Foreign Languages." Courses are offered every year unless otherwise stated.

PROFICIENCY TEST

Freshman students entering the College with two or more units of high school French or Spanish are required to take a language proficiency test if they wish to take a language course or fulfill a language requirement. No credit will be given such students if they enroll in an elementary course without taking the proficiency test.

A student majoring in another department may fulfill his entire foreign language requirement or a portion of it on the basis of his performance in proficiency tests, provided he secures the approval of his department.

AIMS

Elementary Courses

1. To teach the basic fundamentals of grammar, syntax and pronunciation of the modern foreign languages so that the students may be able to read them intelligently and speak and write them on an elementary level. Excellence in performance is encouraged at all times.
2. To develop interest in foreign cultures and literatures through graded, elementary readings and audiovisual aids.

3. To emphasize the aural-oral approach in the learning of the foreign language and to encourage active use of the language in conversation in class, in the laboratory and in daily situations.
4. To acquaint the students with the use of the language laboratory and other language teaching materials.

Advanced Courses

1. To study languages on a larger scale through increased speaking and writing activity.
2. To increase the students' interest in the countries whose language they are studying through a study of the countries' civilization, their great literary contributions in special periods, and their cultural contributions to world civilization.
3. To give the necessary preparation to those students who desire to major or minor in the languages.
4. To prepare majors for secondary teaching positions as well as for graduate and professional work.

CURRICULUM MAJOR: FRENCH—MINOR: SPANISH

FRESHMAN YEAR

	First Semester	Hours	Second Semester	Hours	
Eng.	101—English Composition	3	Eng.	102—English Composition	3
Biol.	101—Life Science	3	Biol.	102—Life Science	3
Hist.	101—World Civilization	3	Hist.	102—World Civilization	3
*Fren.	101—Elementary French	3	Fren.	102—Elementary French	3
*Span.	101—Elementary Spanish	3	Span.	102—Elementary Spanish	3
Ed.	100—Freshman Orientation	½	P.Ed.	221—Health and Safety Ed.	2
P.Ed.	101—Orientation in Phy. Ed.	½	P.Ed.	102—Orientation in Phy. Ed.	½
				16	17½

SOPHOMORE YEAR

	First Semester	Hours	Second Semester	Hours	
Eng.	211—Intro. to Literature	3	Eng.	212—Intro. to Literature	3
Sci.	201—Intro. to Physical Sci.	3	Sci.	202—Intro. to Physical Sci.	3
Soc.	201—Intro. to Social Sci.	3	Soc.	202—Intro. to Social Sci.	3
Fren.	201—Intermediate French	3	Fren.	202—Intermediate French	3
Span.	201—Intermediate Spanish	3	Span.	202—Intermediate Spanish	3
Ed.	203—General Psychology	3	Ed.	222—Human Develop. & Psy. II	3
P.Ed.	201—Recreational Activ.	½	P.Ed.	202—Recreational Activ.	½
				18½	18½

JUNIOR YEAR

	First Semester	Hours	Second Semester	Hours	
Econ.	211—Prin. of Economics	3	Soc.	305—Contemp. Soc. Prob.	3
Fren.	301—Survey of French Lit.	3	Fren.	302—Survey of French Lit.	3
Span.	301—Survey of Span. Lit.	3	Span.	302—Survey of Span. Lit.	3
Elective	.....	3	Fren.	312—French Conversation	3
			Elective	.....	3
				15	15

*Students entering with two or more units of high school language should not register for these courses.

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Spanish Electives	6	Ed. 412—Admin. of Pub. Schools	3
French Electives	6	Ed. 452—Fund. of Secondary Ed.	3
Elective (Philosophy or Logic)	3	Ed. 410RL—Meth. of Tchg. Romance Languages	3
		Ed. 400—Supervised Teaching	8
	15		17

CURRICULUM

MAJOR: SPANISH—MINOR: FRENCH

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
His. 101—World Civilization	3	Hist. 102—World Civilization	3
*Fren. 101—Elementary French	3	Fren. 102—Elementary French	3
*Span. 101—Elementary Spanish	3	Span. 102—Elementary Spanish	3
Ed. 100—Freshman Orientation	1/2	P.Ed. 221—Health & Safety Ed.	2
P.Ed. 101—Orientation in Phy. Ed.	1/2	P.Ed. 102—Orientation in Phy. Ed.	1/2
Econ. 211—Prin. of Economics	3		
	16		17 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
Sci. 201—Intro. to Physical Sci.	3	Sci. 202—Intro. to Physical Sci.	3
Soc. 201—Intro. to Social Sci.	3	Soc. 202—Intro. to Social Sci.	3
Fren. 201—Intermediate French	3	Fren. 202—Intermediate French	3
Span. 201—Intermediate Spanish	3	Ed. 222—Human Develop. & Psy. II	3
Ed. 203—General Psychology	3	P.Ed. 202—Recreational Activ.	1/2
P.Ed. 201—Recreational Activ.	1/2	Span. 202—Intermediate Spanish	3
	18 1/2		18 1/2

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Span. 311—Adv. Spanish Comp.	3	Soc. 305—Contemp. Soc. Prob.	3
Fren. 301—Survey of French Lit.	3	Fren. 302—Survey of French Lit.	3
Span. 301—Survey of Span. Lit.	3	Span. 302—Survey of Span. Lit.	3
Fren. 311—French Composition	3	Span. 312—Adv. Spanish	3
Elective	3	Elective	3
	15		15

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Spanish Electives	9	Ed. 412—Admin. of Pub. Schools	3
French Electives	6	Ed. 452—Fund. of Secondary Ed.	3
Elective (Philosophy or Logic)	3	Ed. 410RL—Meth. of Tchg. Romance Languages	3
		Ed. 400—Supervised Teaching	8
	18		17

*Students entering with two or more units of high school language should not register for these courses.

COURSE DESCRIPTION

1. FRENCH

FRENCH 101. Elementary French. The elements of French pronunciation, fundamentals of sentence structure, study of French grammar, vocabulary, verbs, emphasis on the aural-oral approach, with a view toward development of conversational and speaking ability. One hour per week in the Language Laboratory is required of all students. Credit 3 hours.

FRENCH 102. Elementary French. Continuation of French 101. More difficult phases of grammar studied. One hour per week in the Language Laboratory required of all students. Credit 3 hours.

FRENCH 201. Intermediate French. More extensive treatment of phases of grammar, including the fifteen tenses, (in review form). Much use of pattern drills in grammar treatment. Extensive reading of French texts. Much written work required. Prerequisite: French 102 or acceptable score on Proficiency test. Credit 3 hours.

FRENCH 202. Intermediate French. Continuation of French 201, including a mastery of conditional subjunctive sentences. Much supplementary reading. Prerequisite: French 201. Credit 3 hours.

FRENCH 301. Survey of French Literature. A rapid survey of French Literature from its beginning through the 17th century. Readings of plays of Molière, Racine, Corneille given much attention. Prerequisite: French 202. Credit 3 hours.

FRENCH 302. Survey of French Literature. Continuation of French 301. French Literature in the 18th, 19th, and 20th century studied, with special emphasis on Montesquieu, Rousseau, Voltaire, Balzac, Hugo, Vigny, Maupassant, Flaubert, Loti and a few of the contemporary writers. Individual reports, individual readings constitute good portion of course. Prerequisite: French 301. Credit 3 hours.

FRENCH 311. French Composition. Emphasis upon the written word. Frequent compositions, illustrating all phases of French grammar. Prerequisite: French 202. Credit 3 hours.

FRENCH 312. French Conversation. Practice in the oral uses of French. Daily conversations on topics of interest. Prerequisite: French 202. Credit 3 hours.

FRENCH 321. French Civilization. Study of the historical background of the French nation from Charlemagne to the present. Prerequisite: French 202. Credit 3 hours.

FRENCH 401. French Literature of the 18th Century. A period course emphasizing the principal writers of the century, particularly Marivaux, Beaumarchais, Rousseau, Voltaire, Montesquieu. Prerequisite: French 302. Offered in alternate years. Credit 3 hours.

FRENCH 402. French Literature of the 19th Century. An analysis of the thought and work of the principal French Romanticists, particularly Hugo, de Vigny, de Musset, Lamartine. Prerequisite: French 302. Offered in alternate years. Credit 3 hours.

FRENCH 411. Twentieth Century French Novel. A study of such novelists as Camus, Sartre, Queneau, Proust, Gide, Celine, Colette, Malraux, Sain-Exupery, and Robbe-Grillet with readings from the major works. Analysis of the men and trends of the modern French novel. Prerequisite: French 302. Offered in alternate years. Credit 3 hours.

FRENCH 412. Twentieth Century French Drama and Poetry. A survey of the French drama and poetry in the twentieth century with study of the works of Prevert, Valery, Eluard, Dumas, Cocteau, Claudel, Giraudoux, Apollinaire, Cichaux, Anouilh, Ionesco, Queneau. Prerequisite: French 302. Offered in alternate years. Credit 3 hours.

FRENCH 431. French Phonetics. An analysis of separate sounds with oral practice, designed to correct the student's own pronunciation. Much laboratory work. Prerequisite: Two years of French (College). Offered in alternate years. Credit 3 hours.

2. SPANISH

SPANISH 101. Elementary Spanish. A course based on the aural-oral method which stresses the spoken language. Drill in pronunciation. Study of the elementary principles of the language. One hour per week in the Language Laboratory is required of all students. Credit 3 hours.

SPANISH 102. Elementary Spanish. Continued drill in pronunciation and conversation. One hour per week required in Language Laboratory. Credit 3 hours.

SPANISH 201. Intermediate Spanish. Conversation based on reading material of increasing difficulty. Work in composition and translation. Prerequisite: Spanish 102 or an acceptable score on the Proficiency Test. Credit 3 hours.

SPANISH 202. Intermediate Spanish. Continuation of Spanish 201. Greater emphasis upon composition and translation. Prerequisite: Spanish 201 or equivalent. Credit 3 hours.

SPANISH 301. Survey of Spanish Literature. A study of Spanish Literature from its beginning to 1700: formation of the Spanish language, representative writers and works, history of ideas, for-

eign influences, and significance of Spanish literary productions. Reading and discussion of literary selections, tape recordings, and book report. Conducted partly in Spanish. Credit 3 hours.

SPANISH 302. Survey of Spanish Literature. Continuation of Spanish 301. A study of Spanish Literature from 1700 to the contemporary period: Neo-Classicism, Romanticism, Costumbrism, Realist Novel, Naturalism, *Modernismo*, Generation of 1898, and 20th century trends, stressing the evolution of literary genres, ideas and styles. Reading and discussion of literary selections, tape recordings, and book report. Conducted partly in Spanish. Credit 3 hours.

SPANISH 303. Survey of Spanish-American Literature. A study of Spanish-American Literature from the colonial period to the present, emphasis on literature of the nineteenth and twentieth centuries. Reading and discussion of literary selections, literary tape recordings, and book reports. Conducted partly in Spanish. Offered in alternate years. Credit 3 hours.

SPANISH 311. Advanced Spanish Composition. Development of grammatical accuracy in writing Spanish. Writing of original compositions with stress on advanced grammar analysis and use of idiomatic expressions. Prerequisite: Spanish 202. Credit 3 hours.

SPANISH 312. Advanced Spanish Conversation. The object of the course is to increase, through conversation and intensive work, the student's ability to speak and to understand Spanish. Discussions based on current events, social customs, and general topics will be developed. Conducted partly in Spanish. Credit 3 hours.

SPANISH 401. Drama of the Siglo de Oro. A study of the Spanish drama in the sixteenth and seventeenth centuries: dramatic antecedents, precursors, dramatic technique and theory, the world of the "comedia", representative writers and works, significance in world drama. Reading and discussion of several plays, tape recordings, special reports or analyses. Conducted partly in Spanish. One semester. Offered in alternate years. Credit 3 hours.

SPANISH 402. The Civilization of Spain. A study of Spanish Civilization from the pre-Caristian period to the present: outstanding events, institutions, and contributions in all the arts, in philosophy, politics, and religion. One semester. Offered in alternate years. Credit 3 hours.

SPANISH 411. The Spanish Realist Novel of the 19th Century. A thorough study of the novel in Spain during the second half of the 19th century, especially the works of Alarcon, Galdos, Pereda, Valera, Palacio Valdes, and Pardo Bazan, stressing the style and novelistic technique of each writer, significance of the work, and evolution of the genre. Reading and discussion of several repre-

sentative novels. One semester. Conducted partly in Spanish. Offered in alternate years. Credit 3 hours.

SPANISH 412. *Spanish Literature of the 20th Century*. A thorough study of Spanish letters from 1898 to the present with emphasis on the thought and work of the most representative writers. Generation of 1898, *Modernismo* in Spain, post-war trends, etc. Reading and discussion of representative selections, literary recordings, book reports. Conducted partly in Spanish. One semester. Offered in alternate years. Credit 3 hours.

SPANISH 431. *The Spanish Language: Development, Phonetics, Linguistic Peculiarities and Problems*. A study of the growth of Spanish from its beginnings to its present state, including its modern sounds, its characteristics syntax and idiomatic constructions, and its difference from English. Oral practice and frequent laboratory work. One semester. Credit 3 hours.

3. GERMAN

German 101: Elementary German

An introductory course on the fundamentals of German grammar and pronunciation with increasing emphasis on conversation. An elementary reader is introduced during the first term for additional conversational practice. Practice in the Language Laboratory for an hour each week is required of all students. Credit 3 hours.

German 102: Elementary German

Continuation of German 101. More advanced phases of grammar are studied. Literary readings with discussion are stressed. Although the conversational approach is emphasized, there is special drill in composition. One hour per week in the Language Laboratory is required of all students. Credit 3 hours.

German 201: Intermediate German

A second year college German course that includes more extensive study of grammar, review of fundamental tenses and verbal constructions, literary readings, conversation and composition. Audio-oral practice is especially stressed. One hour per week in the Language Laboratory is required of every student. Credit 3 hours.

German 202: Intermediate German

Continuation of German 201. Some review of special grammatical points, more extensive readings, interpretation and discussion in German, and greater emphasis on composition and translation. One hour per week in the Language Laboratory is required of all students. Credit 3 hours.

ART

Objectives:

1. To expose the student to the basic areas of disciplines within the visual arts.
2. To provide the student with a formal program of instruction in materials and techniques as they relate to the areas of visual arts.
3. To stimulate talent and creativity through aesthetic enrichment, individual interpretation, and experimentation.
4. To heighten the cultural opportunities afforded the student, the college, and the community.

Minor Program:

A minor program in art consists of twenty-one hours: Art 110, 111, 120, 121, 201, 202, and Education 101 or 102.

COURSE DESCRIPTION

ART 110-111. *Basic Drawing*. An introductory course designed to explore the visual possibilities of the two dimensional field through a variety of drawing materials and techniques. Problems will be assigned in order to expose the student to the use of line, form, composition, color, and tone. No prerequisites required. Credit 3 hours each semester.

ART 120-121. *Basic Painting*. A course designed to acquaint the beginning student to both traditional and contemporary criteria and theory as it relates to painting. Problems and materials will include traditional oil techniques as well as the newer plastic materials and techniques. No prerequisites required. Credit 3 hours each semester.

ART 201. *Art History Survey: Primitive to Medieval Art*. A survey lecture course designed to expose the student to the history of art from pre-historic man to the present. No prerequisite required. Credit 3 hours.

ART 202. *Art History Survey: Renaissance to Contemporary Art*. A survey lecture course designed to expose the student to the history of art from pre-historic man to the present. A continuation of Art 201. No prerequisites required. Credit 3 hours.

ART 230. *Afro-American Art in New Perspective*. A course designed to reveal contributions and accomplishments of Afro-American Art committed from art history publications. The influence of early African Art on Art of the World will be evaluated. Research projects in past and present Negro American artists. One half of the course will be devoted to lecture/demonstrations and one half to research/laboratory projects. No prerequisites required. Credit 3 hours.

PHILOSOPHY

PHILOSOPHY 300. *Introduction to Philosophy*. An elementary study of the principal problems of philosophy. Credit 3 hours.

PHILOSOPHY 301. *Elementary Logic*. A study of the principles and application of formal reasoning. Credit 3 hours.

PHILOSOPHY 322. *Ethics*. Examination of such concepts as good, evil, right, wrong, duty, obligation, freedom, reward and punishment. Credit 3 hours.

HONORS SEMINAR

An interdisciplinary, interdepartmental course for students who during their Freshman year are carefully screened for attitudes, ability, and performance, and who are therefore eligible for the first Honors Seminar during their Sophomore year and for the second and third Honors Seminars during their Junior and Senior years. Emphasis upon the "in depth" and independent approach to study and upon the interdisciplinary (rather than fragmented) nature of knowledge. Participation in related cultural events, on and off campus, is required. The Seminar offers three hours credit for each semester, and as an elective, it can contribute to the total number of hours required for graduation. If a Seminar is given both the First and the Second Semesters, one is labeled A, the other B.

Honors Seminar I: for Sophomores.

Honors Seminar II: for Juniors.

Honors Seminar III: for Seniors.

DEPARTMENT OF MUSIC

The principal objectives of the music department are:

1. To provide training for students who desire to make a serious study of music, so that they may become significant contributors to society as artists and teachers.
2. To offer opportunities for those interested in the study of music and its literature as a humanity in the liberal arts or general education program.
3. To provide the opportunity for cultural and professional growth to all college students and others in the community, through participation in the college music program as soloists or as members of performing ensembles.
4. To contribute to a cultural environment that will be of value in the life of the entire college community.

DEPARTMENTAL REQUIREMENTS

Applied Music

1. Every music major is required to study his major applied instrument (or voice) throughout the four-year program. In addition to the major applied instrument, each student must earn at least eight semester hours of credit in secondary fields of performance either through private applied minor or class instruction.
2. All students are expected to practice from two to three hours daily.
3. All students must meet minimum proficiency requirements in piano. These include the ability to read music of the type found in community song books, and the ability to sight read simple accompaniments.
4. Every student earning credit in his major applied field must perform on student recitals as required by his major instructor. A student who fails to appear at least once a semester shall receive an incomplete or an F in his major applied subject for that semester's grade.
5. All music majors must appear in a public recital during their senior year. The decision as to whether the student is permitted to do a full length recital will be decided by his major applied teacher and a music faculty jury.

Music Laboratory

Music laboratory consists of participation in one or more of the following organizations, ensembles or activities: Concert Band, Concert Choir, College Orchestra, Marching Band, Chapel Choir, Stage Band, Experimental Laboratory Ensemble, Accompanying or other Chamber Ensembles.

Each student with a major in music will participate in the laboratories for which he is qualified each semester in residence. Any student whose major applied subject is a band or orchestral instrument may be required to perform in Band and/or Orchestra upon the recommendation of his applied music teacher. Piano and Organ majors and other students who have demonstrated adequate proficiency in piano may be assigned to do accompanying for which one-half hour of credit may be earned. A limited number of split registrations (one-half hour credit in each ensemble) may be permitted for wind players in Concert Band and Orchestra or for Keyboard and voice students in College Choir and Accompanying.

Concerts and Recitals

Music majors are required to attend concerts and recitals sponsored by the College and the Department of Music. Failure to observe these requirements will affect applied music grades. Students are allowed three unexcused absences per semester.

Faculty Advisors

Every student is assigned a faculty advisor whose duty is to assist the student in registering, to advise him in regard to his progress, and to assist him in planning his educational and professional future.

Changes in programs, in courses, and in the major applied subject may be made only upon the approval of the music faculty.

MUSIC AS A MINOR

Students who elect music as a minor must complete a minimum of twenty-two semester hours in the Department of Music.

Music Theory	6
Music Literature and History	4
Applied Music (voice, piano, or organ, choral or instrumental ensembles)	7 or 8
Music Methods and Materials for Elementary Schools	2 or 3
Conducting	2

BACHELOR OF ARTS DEGREE WITH MUSIC MAJOR CURRICULUM IN MUSIC THEORY

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Bio. 101—Life Science	3	Bio. 102—Life Science	3
His. 101—World Civilization	3	His. 102—World Civilization	3
Mus. 101—Music Theory	3	Mus. 102—Music Theory	3
Mus. 161—Major Applied	1	Mus. 162—Major Applied	1
Mus. 171—Minor Applied*	1/2	Mus. 172—Minor Applied	1/2
Mus. 141—String Class	1	Ensemble(s)	1
Ensemble(s)	1	P.Ed. 221—Health & Safety Ed.	2
Ed. 100—Freshman Orient.	1/2	P.Ed. 102—Orientation in P.E.	1/2
P.Ed. 101—Orientation in P.E.	1/2		
	16 1/2		17

*The Applied Minor shall be piano unless that instrument is chosen as the major or unless piano proficiency requirements are met on entrance. Instrumental majors are advised to study at least one semester of voice (private or class instruction).

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
Sci. 201—Intro. to Phy. Science	3	Sci. 202—Intro. to Phy. Science	3
Or: Mathematics Elective	3	Or: Mathematics Elective	3
Soc. 201—Intro. to Social Science	3	Soc. 202—Intro. to Social Science	3
Mus. 201—Music Theory	2	Mus. 202—Music Theory	2
Mus. 261—Major Applied	1	Mus. 262—Major Applied	1
Mus. 203—Ear Training and Sight Singing	1	Mus. 204—Ear Training and Sight Singing	1
Mus. 271—Minor Applied	1/2	Mus. 272—Minor Applied	1/2
P.Ed. 201—Recreational Act.	1/2	P.Ed. 202—Recreational Act.	1/2
Ensemble(s)	1	Ensemble(s)	1
	15		15

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Mus. 301—Form and Analysis	2	Mus. 304—Counterpoint	2
French, German or Span. Elect.	3	French, German or Span. Elect.	3
Ed. 201—General Psychology	3	Ed. 222—Human Devel. & Psy. II	3
Mus. 321—Music History & Lit.	2	Mus. 322—Music History & Lit.	2
Mus. 343—Choral Conducting	2	Mus. 346—Brass and Percussion	1
Mus. 361—Major Applied	1	Mus. 302—Twentieth Century Music	2
Mus. 373—Functional Piano**	1/2	Mus. 362—Major Applied	1
Elective	3	Elective	3
Ensemble(s)	1	Ensemble(s)	1
			17
			18

**Required if piano proficiency has not been met by the end of the sophomore year.

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Phil. 300—Intro. to Philosophy	3	Mus. 422—Music Literature	2
Mus. 421—Music Literature	2	Mus. 406—Composition	2
Mus. 405—Composition	2	Mus. 462—Major Applied Rec.	2
Mus. 461—Major Applied	1	Elective	8
Elective	3	Ensemble(s)	1
Mus. 401—Orchestration	2		
Mus. 441—Woodwind Class	1		
Ensemble(s)	1		15
			15

TOTAL of 128 1/2 Semester Hours

BACHELOR OF SCIENCE IN MUSIC EDUCATION CURRICULUM

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Bio. 101—Life Science	3	Bio. 102—Life Science	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Mus. 101—Music Theory	3	Mus. 102—Music Theory	3
Mus. 161—Major Applied	2	Mus. 162—Major Applied	2
Mus. 171—Minor Applied*	1/2	Mus. 172—Minor Applied	1/2
P.Ed. 101—Orientation in P.E.	1/2	P.Ed. 102—Orientation in P.E.	1/2
Ed. 100—Freshman Orientation	1/2	Ed. 100—Freshman Orientation	1/2
Mus. 141—String Class	1	Ensemble (s)	1
			17 1/2
			16

*The Applied Minor shall be piano unless that instrument is chosen as the major or unless piano proficiency requirements are met on entrance. Instrumental majors are advised to study at least one semester of voice (private or class instruction).

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
Sci. 201—Intro. to Phy. Science	3	Sci. 202—Intro. to Phy. Science	3
Soc. 201—Intro. to Social Science	3	Soc. 202—Intro. to Social Science	3
Mus. 201—Music Theory	2	Mus. 202—Music Theory	2
Mus. 261—Major Applied	2	Mus. 262—Major Applied	2
Mus. 203—Ear Training and Sight Singing	1	Mus. 204—Ear Training and Sight Singing	1
Mus. 271—Minor Applied	1/2	Mus. 272—Minor Applied	1/2
P.Ed. 201—Recreational Act.	1/2	P.Ed. 202—Recreational Act.	1/2
Ensemble(s)	1	Ensemble(s)	1
	16		18

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Soc. 305—Contemporary Soc. 3		Mus. 346—Brass and Percussion .. 1	
Mus. 301—Form and Analysis 2		Mus. 302—Twentieth Cent. Mus. 2	
Mus. 331—Music in Elem. School 2		Mus. 332—Mus. in Sec. School ... 2	
Mus. 343—Choral Conducting 2		Mus. 344—Instrumental Conducting .. 2	
Mus. 321—Music Hist. & Lit. 2		Mus. 322—Music Hist. & Lit. 2	
Mus. 361—Major Applied 2		Mus. 362—Major Applied 2	
Mus. 373—Functional Piano** ½		Mus. 374—Functional Piano** ½	
Ed. 201—General Psychology 3		Ed. 222—Human Devel. and Psy. II 3	
Ensemble(s) 1		Mus. 336—Voice & Diction Class**(1)	
		Mus. 342—String Class 1	
		Ensemble(s) 1	
	17½		16½-17½

**Required if piano proficiency has not been met by the end of the sophomore year.

*Required of Music Education majors with emphasis in vocal music. Majors with emphasis in instrumental music will elect instrumental Methods and Techniques.

†Required of Music Education majors with emphasis in instrumental music. Majors with emphasis in vocal music will elect Voice Class and Diction.

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Phil. 300—Intro. to Philosophy 3		Ed. 424—Foundations of Education 3	
Mus. 421—Music Literature 2		Mus. 422—Music Literature 2	
Mus. 461—Major Applied 2		Mus. 462—Major Applied Recital. 2	
Ed. 412—Admin. of Public Sch. 3		Ensemble(s) 1	
Mus. 401—Orchestration 2		Ed. 400—Supervised Teaching ... 8	
Mus. 435—Voice Class & Diction. 1			
Mus. 437—Instr. Meth. & Teach.(1)			
Mus. 441—Woodwind Class 1			
Music Electives 2			
Ensemble(s) 1			
	17-18		16

TOTAL of 134½ to 136½ Semester Hours

BACHELOR OF ARTS DEGREE WITH MUSIC MAJOR CURRICULUM IN APPLIED MUSIC

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition 3		Eng. 102—English Composition 3	
Bio. 101—Life Science 3		Bio. 102—Life Science 3	
His. 101—World Civilization 3		His. 102—World Civilization 3	
Mus. 101—Music Theory 3		Mus. 102—Music Theory 3	
Mus. 161—Major Applied 2		Mus. 162—Major Applied 2	
Mus. 171—Minor Applied* 2		Mus. 172—Minor Applied 2	
Ensemble(s) 1		Ensemble(s) 1	
Ed. 100—Freshman Orient. ½		P.Ed. 102—Orientation in P.E. ½	
P.Ed. 101—Orientation in P.E. ½			
	16½		16

*The Applied Minor shall be piano unless that instrument is chosen as the major or unless piano proficiency requirements are met on entrance. Instrumental majors are advised to study at least one semester of voice (private or class instruction).

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—Intro. to Literature 3		Eng. 212—Intro. to Literature 3	
Sci. 201—Intro. to Phy. Science		Sci. 202—Intro. to Phy. Science	
Or: Mathematics Elective 3		Or: Mathematics Elective 3	
Soc. 201—Intro. to Social Science 3		Soc. 202—Intro. to Social Science 3	
Mus. 201—Music Theory 2		Mus. 202—Music Theory 2	
Mus. 261—Major Applied 2		Mus. 262—Major Applied 2	
Mus. 203—Ear Training and Sight Singing 1		Mus. 204—Ear Training and Sight Singing 1	
Mus. 271—Minor Applied ½		Mus. 272—Minor Applied ½	
P.Ed. 201—Recreational Act. ½		P.Ed. 202—Recreational Act. ½	
Ensemble(s) 1		Ensemble(s) 1	
		P.Ed. 221—Health & Safety Ed. 2	
			18
			16

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
French, German or Span. Elect. 3		French, German or Span. Elect. 3	
Ed. 201—General Psychology 3		Ed. 222—Human Devel. & Psy. II 3	
Mus. 321—Music History & Lit. 2		Mus. 322—Music History & Lit. 2	
Mus. 343—Choral Conducting 2		Mus. 302—Twentieth Century Music 2	
Mus. 361—Major Applied 2		Mus. 362—Major Applied 2	
Mus. 373—Functional Piano** (½)		Mus. 374—Functional Piano** (½)	
Ensemble(s) 1		Ensemble(s) 1	
Electives 3		Electives 3	
		16-16½	
			16-16½

** Required if piano proficiency has not been met by the end of the sophomore year.

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Phil. 300—Intro. to Philosophy 3		Mus. 301—Form & Analysis 2	
Mus. 421—Music Literature 2		Mus. 422—Music Literature 2	
Mus. 461—Major Applied 2		Mus. 462—Major Applied Recital. 2	
Electives 3		Electives 8	
Mus. 401—Orchestration or Arranging 2		Ensemble(s) 1	
Music Theory or Lit. Elective 2			
Ensemble(s) 1			
	15		

TOTAL of 128½-129½ Semester Hours

COURSE DESCRIPTION

MUSIC THEORY AND COMPOSITION

MUSIC 100. Theory Review. An introduction to the basic fundamentals of music notation, clefs, scales, meters, and rhythms. Includes music literature, sight singing and ear training. Credit 3 hours.

MUSIC 101. Music Theory I. Training in the fundamentals of musicianship notation, clefs, scales, modes, intervals, triads, meters and rhythms. Correlated ear training, sight singing and keyboard practice. Credit 3 hours. Prerequisite: Music 101.

MUSIC 102. Music Theory II. Harmony, composition, analysis with emphasis on eighteenth and nineteenth century practices.



The College Concert Choir

Primarily concerned with diatonic harmony. Correlated harmonic dictation. Credit 3 hours.

Music 104. Ear Training and Sight Singing. Practice in melodic, harmonic, and rhythmic dictation, and sight singing. Credit 1 hour.

Music 201-202. Music Theory III, IV. A continuation of Theory 102 including chromatic harmony and advanced modulation. Prerequisite: Theory 102. Credit 2 hours each semester.

Music 203-204. Ear Training and Sight Singing. Practice in melodic, harmonic, and rhythmic dictation, and sight singing. Prerequisite: Music 104. Credit 1 hour each semester.

Music 301. Form and Analysis. A study of representative post-romantic periods for melodic, rhythmic and harmonic structure and form. Credit 2 hours. Prerequisite: Music 202.

Music 302. Twentieth Century Music. A study of representative scores of twentieth century music. Designed to promote an understanding of the methods and materials of contemporary music through analysis, recordings, and writing projects. The course includes lectures, discussions, reading assignments, and an experimental laboratory ensemble. Credit 2-3 hours. Prerequisite: Music 301.

Music 304. Counterpoint. Analysis and written assignments with emphasis on contrapuntal practices as found in the works of J. S. Bach and other eighteenth century composers. Credit 2 hours. Prerequisite: Music 202.

Music 324. Afro-American Music Project. Independent study of music of the Afro-American. A written project (originally composed or arranged) for instrumental and/or choral ensemble, based on music materials or literature of the Afro-American. Prerequisite: Music 301 and permission of instructor. Credit 2-3 hours.

Music 401. Orchestration. Instrumentation and score writing. Projects in writing and analysis for various instrumental groups. A complete score for full band or orchestra is required as a final written assignment. Prerequisite: Music 301. Credit 2 hours.

Music 403. Choral Arranging. Practical arranging and writing of suitable materials for choral groups on the public school level. Credit 2 hours. Prerequisite: Music 204.

Music 405-406. Composition. Individual and class instruction in composition, with emphasis placed on the criticism and evaluation of constructive elements resulting from the creative instinct and initiative of the individual student. Analysis of the compositional techniques and devices of composers of various styles and periods. Credit 1-2 hours. Prerequisite: Music 302.

Music 407. Jazz Arranging and Composition. Individual and class instruction in writing for Jazz ensemble, school stage band, and dance band. Includes written projects, original or arranged, for laboratory ensembles. Credit 2 hours.



MUSIC HISTORY AND LITERATURE

Music 221-222. Music Appreciation. General orientation and study of representative musical literature of all periods and styles. Not open to music majors. Credit 2 hours each semester.

Music 223. Jazz History and Literature. A survey of Jazz and its performers from the beginning to the present. All idioms, big band, combo, and soloists will be studied, using selected readings and recordings. Credit 2 hours.

Music 302. Twentieth Century Music. See Theory and Composition. Music 302.

Music 321. Music History and Literature. A survey of music and its development from its beginnings through the Baroque period. Analysis of representative musical works with emphasis on forms, styles and musical concepts in relation to their historical and cultural background. Credit 2 hours.

Music 322. Music History and Literature. A continuation of Music 321. A survey of representative musical works from 1750 to the present. Credit 2 hours.

Music 323. Afro-American Music. A study of the music literature of the Afro-American. Includes lectures, discussions, reading and listening assignments, spirituals, blues, miscellaneous songs, Jazz, non-Jazz, and symphonic literature of the Afro-American. Credit 2-3 hours.

MUSIC 421-422. Music Literature. A survey of the principal forms, periods, and composers of music, presented in lectures and laboratory listening periods. Two lectures and two listening hours per week. Credit 2 hours each semester.

MUSIC EDUCATION

Music 141. String Class. Fundamentals of string technique, study of scales, and performance of graded ensemble material. Two class periods a week. Credit 1 hour.

Music 331. Music in the Elementary School. A study of methods, materials and techniques of teaching music in the elementary school. Selected visits and observations of public school classroom. Credit 2 hours.

Music 332. Music in the Secondary School. A study of methods, materials and techniques of teaching music in the secondary school. Selected visits and observations of public school classrooms. Credit 3 hours.

Music 333. Music Fundamentals. A course designed primarily to meet the needs of the elementary classroom teacher. Training in basic musicianship through keyboard and vocal practices. Not open to music majors. Credit 3 hours.

Music 334. Music for Elementary Teachers. A continuation of Music 333 including materials and methods of teaching music in the elementary school. Not open to music majors. Credit 3 hours. Prerequisite: Music 333.

Music 336. Voice Class and Diction. Phonetics applied to French, German and Italian vocal literature. Class and individual clinical analysis and practice. Two class periods a week. Credit 1 hour each semester.

MUSIC 341-342. String Class. Fundamentals of strings technique, study of scales, and performance of graded ensemble material. Two class periods a week. Credit 1 hour.

Music 343. Choral Conducting. A study of basic conducting technique. Performance, analysis and evaluation of choral literature. Credit 2 hours. Prerequisite: Music 202.

Music 344. Instrumental Conducting. A study of basic conducting technique. Performance, analysis and evaluation of instrumental literature. Credit 2 hours. Prerequisite: Music 343.

MUSIC 346. *Brass and Percussion Class.* Fundamentals of brass and percussion instrument techniques and teaching methods. Two class periods a week. Credit 1 hour.

MUSIC 435. *Voice Class and Diction.* Phonetics applied to French, German and Italian vocal literature. Class and individual clinical analysis and practice. Two class periods a week. Credit 1 hour each semester.

MUSIC 437. *Instrumental Methods and Techniques.* Organization and administration of school instrumental music programs, including practical studies in marching band techniques. Preparation of pageants and routines for half-time shows. Credit 1 hour.

MUSIC 441. *Woodwind Class.* Fundamentals of woodwind instrument techniques and teaching methods. Two class periods a week. Credit 1 hour.

MUSIC 443. *Voice Class.* Class instruction in the basic techniques of vocal production. Designed for music education students who do not study major or minor applied voice. Credit 1 hour.

APPLIED MUSIC

Instruction is available in the following fields: Voice, Piano, Organ, Stringed Instruments, Woodwind Instruments, Brass Instruments and Percussion Instruments.

MUSIC 161-162. *Major Applied.* (Instrument or Voice) Materials and literature based upon the individual needs of the student. Designed to prepare the student to meet the performance requirements in his major field of concentration. Two half-hour lessons or one hour lesson each week. Credit 1 hour each semester.

MUSIC 261-262. *Major Applied.* A continuation of Music 161-162 at the Sophomore level. Credit 2 hours each semester.

MUSIC 361-362. *Major Applied.* A continuation of the above at the Junior level. By the end of the Junior year the literature for the public senior recital appearance should be formulated. Credit 2 hours each semester.

MUSIC 461-462. *Major Applied.* A continuation of the foregoing at the Senior level including the preparation for the senior recital. Credit 2 hours each semester.

MUSIC 171-172. *Minor Applied.* (Instrument or Voice) Private or class instruction in secondary performance areas designed to meet the functional needs of each student. One half-hour private lesson or one of two class periods each week. Credit $\frac{1}{2}$ or 1 hour each semester.

MUSIC 271-272. *Minor Applied.* A continuation of above at the Sophomore level. Credit $\frac{1}{2}$ or 1 hour each semester.

MUSIC 371-372. *Minor Applied.* A continuation of the above at the Junior level. Credit $\frac{1}{2}$ or 1 hour each semester.

MUSIC 373-374. *Functional Piano.* Designed to aid students in preparing for piano proficiency examinations.

ENSEMBLES

MUSIC 181, 281, 381, 481. *Marching Band.* During the fall season, band activities are devoted primarily to the Marching Band which provides musical support for athletic events of the college. The organization is open to all students in the college on the approval of the director. Credit 1 hour each semester.

MUSIC 182, 282, 382, 482. *Concert Band.* The Concert Band is organized at the close of the football season. Open to all qualified students of the college who are interested in the study and performance of the best literature for concert and symphonic bands. Credit 1 hour each semester.

MUSIC 183, 283, 383, 483. *Orchestra.* Membership is open to all qualified students, faculty members and persons in the community who are interested in the performance of literature for the orchestra. Credit 1 hour each semester.

MUSIC 184, 284, 384, 484. *Orchestra.* Credit 1 hour each semester.

MUSIC 191, 291, 391, 491. *Concert Choir.* A mixed choral ensemble organized for the study of the best sacred and secular choral literature. Open to all students of the college by audition. The choir presents several programs on the campus and on an annual spring tour. Credit 1 hour each semester.

MUSIC 192, 292, 392, 492. *Concert Choir.* Credit 1 hour each semester.

MUSIC 193, 293, 393, 493. *Chapel Choir.* The Chapel Choir is organized primarily for the performance of large choral works and frequently appears at chapel services. Membership may be shifted from one choir to the other. Open to all students of the college. Credit 1 hour each semester.

MUSIC 194, 284, 394, 494. *Chapel Choir.* Credit 1 hour each semester.

MUSIC 151, 251, 351, 451. *Accompanying.* A laboratory designed for students concentrating in piano and for piano majors who desire proficiency in reading and accompanying. Open to students upon recommendation of the applied piano teacher. Credit $\frac{1}{2}$ hour each semester.

MUSIC 152, 252, 3552, 452. *Accompanying.* Credit $\frac{1}{2}$ hour each semester.

MUSIC 495. Choral Chamber Music. A laboratory designed for the study of standard chamber choral literature. Credit 1 semester hour.

MUSIC 153, 253, 353, 453. Experimental Laboratory Ensemble. A laboratory maintained for the study and performance of student compositions and other chamber works, with emphasis on compositions by twentieth century composers. Credit $\frac{1}{2}$ or 1 hour each semester.

MUSIC 154, 254, 354, 454. Experimental Laboratory Ensemble. Credit $\frac{1}{2}$ or 1 hour each semester.

MUSIC 155, 255, 355, 455. Jazz Ensemble. Open to all students of the college by audition. Standard and original compositions and arrangements are studied and performed so as to allow students an opportunity to understand musical interpretation and technical devices employed in music of the jazz idiom. Credit $\frac{1}{2}$ or 1 hour each semester.

MUSIC 156, 256, 356, 456. Jazz Ensemble. Credit $\frac{1}{2}$ or 1 hour each semester.

PREPARATORY MUSIC DIVISION

It is of paramount importance that Kentucky State College furnish leadership and guidance by contributing to the cultural and spiritual enrichment of the community. We in the field of music have the responsibility of assisting the community, where practical, in the area of musical activities, with expertise and technical skills which exist at the college and are not readily available in the community.

The following recommendations are made for the purpose of meeting some of the needs and challenges of the community and to strengthen and improve the overall musical vitality and life of the College, the city of Frankfort, and Franklin County. Ample reason for an optimistic view of future developments between the College and the community is justified by the enthusiastic support and encouragement of the music faculty in this new venture.

Objectives

To provide a place in Franklin County where pre-college music education is available to supplement the public school music program and the private and parochial school music programs. In addition to pre-college age students, the Division serves those adults of the community who wish to study and further their knowledge of music without pursuing a degree program.

Private and class room instruction is offered in applied instrumental and vocal music. Study in music theory and ensemble is also available.

Fees for Preparatory Division

Private Lessons—14 one hour lessons \$70 per semester

Payment schedule may be arranged at \$20 per month.

Private Lessons—14 one-half hour lessons \$35 per semester

Payment schedule may be arranged at \$10 per month.

Applied Classroom Instruction—14 one hour lessons \$35 per semester

Payment schedule may be arranged at \$10 per month.

String Class—28 Classes—Two forty-minute lessons

per week \$28 per semester

Payment schedule may be arranged at \$7 per month.

Ensemble—Franklin County Jazz Ensemble \$20 per semester

Payment schedule may be arranged at \$5 per month.

Instruction in music theory is offered by the music staff to any student enrolled in the above musical activities without extra charge.

Students who enroll in music theory courses only will be charged a fee of \$9 per semester hour. (This fee is according to the schedule of fees for regular part-time students.)



DEPARTMENT OF SOCIOLOGY
AND
THE SOCIAL SCIENCES AREA OF CONCENTRATION

These Departments conceive their tasks as developing abilities, skills and thought processes within the social disciplines. Four major goals are: to guide students toward a strong background in sociology to qualify them for graduate study; to guide those in the social sciences area of concentration toward strong preparation for teaching content while applying advanced methods; to serve the various curricular calling for Cultural Anthropology, basic geography courses, Social Science, Social Problems, Sociology and Social Work credits; and to establish the objective principles of the scientific method as an approach to fundamental inquiry, learning and research.

Students wishing to take Sociology as a major or minor as well as students wishing to fulfill the requirements in the social sciences area of concentration along with any other students seeking courses as electives or for special credit must follow the schemes of prerequisites and sequences in the ordered manner described. Specific examples are: Sociology 102, 201 and 202 are prerequisites for everybody. Sociology 102 is the prerequisite for Sociology 211 and/or 212. Sociology 301 and 302 are requirements for everybody whether they be majors, minors, in the area of the social sciences, looking for electives or special credits. Sociology 431 is open to "seniors" only.

Exceptions occur on individual cases. Some advanced students in moderately good academic standing may be approved to take concurrently Sociology 303, 304, 305, 306, 308, 331, 350 or 423 while they are taking Sociology 301 or 302. Special students with strong backgrounds and exceptional experiences may qualify for a few courses out of sequence after an evaluation by the department indicates that these students qualify. A few related courses from other "A" accredited institutions may be substituted for prerequisites or requirements after an evaluation by the department, but only in rare cases. Selected students may take Sociology 401 after satisfying Education 203 as a prerequisite. All courses are offered every year unless otherwise stated.

SOCIOLOGY MAJOR REQUIREMENTS

PREREQUISITES

- Sociology 102
- Sociology 201
- Sociology 202

REQUIREMENTS

- Sociology 301, 302, 305, 306, 401 and 9 more upper level

credits in sociology selected by the student. Sociology 431 is open to "seniors" only.
 Biology 101 and 102
 Economics 211
 Education 100, 203, 221 and 222
 English (100) 101, 102, 211 and 212
 Foreign Language 101, 102, 201 and 202
 History 101 and 102
 Mathematics 100 (or 3 credits in college mathematics)
 Physical Ed. 101, 102, 201, 202 and 221
 Science 201 and 202
 Electives and Minor combined: 34 semester credits (Minor Department Head determines requirements in his field).

SOCIOLOGY MINOR REQUIREMENTS

PREREQUISITES

Sociology 102
 Sociology 201
 Sociology 202

REQUIREMENTS

Sociology 301 and 302 and 12 more upper level credits in sociology selected by the student providing that prerequisites are met for each course selected. Sociology 431 is open to "seniors" only.

REQUIREMENTS FOR THE SOCIAL SCIENCES AREA OF CONCENTRATION

Sociology 102, 201, 202, 211, 301, 302, 305 and 3 more upper level credits in sociology selected by the student.
 Sociology 431 is open to "seniors" only.
 Biology 101 and 102
 Economics 211 and 212
 Education 100, 203, 221, 222, 400, 410SS, 412 and 452.

NOTE: The Department of Education and Psychology directs all of your deadlines, special tests and qualifications for Supervised Teaching.

English (100) 101, 102, 211 and 212
 Foreign Language 101 and 102
 History 101, 102, 201, 202, 301, 302, 405 and 411
 Physical Ed. 101, 102 and 221
 Political Science 311 and 312
 Science 201 and 202

Electives: 8 semester credits. NOTE: There is no minor in area of concentration.

CURRICULUM in SOCIOLOGY

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Comp.	3	Eng. 102—English Comp.	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
Fren. 101—Elementary French	3	Fren. 102—Elementary French	3
or		or	
Span. 101—Elementary Spanish		Span. 102—Elementary Spanish	
Math. 101—College Algebra		Math. 100—Fundamentals of Math. 3	
or		or	
Math. 100—Fundamentals of Math. 3		Span. 102—Elementary Spanish	
Educ. 100—Fresh. Orientation	1/2	Educ. 203—General Psychology	3
P.Ed. 101—Orientation in P.Ed.	1/2	P.Ed. 102—Orientation in P.Ed.	1/2
	16		15 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—Introduction to Lit.	3	Eng. 212—Intro. to Lit.	3
Soc. 201—Intro. to Soc. Sci.	3	Soc. 202—Intro. to Soc. Sci.	3
Sci. 201—Intro. to Phy. Sci.	3	Sci. 202—Intro. to Phy. Sci.	3
Educ. 221—Human Dev. & Psy. I....	3	Educ. 222—Human Dev. & Psy. II....	3
Fren. 201—Intermediate French	3	Fren. 202—Intermediate French	3
Span. 201—Intermediate Spanish or		or	
P.Ed. 221—Health and Safety	2	Span. 202—Intermediate Spanish	
P.Ed. 201—Recreational Act.	1/2	P.Ed. 202—Recreational Act.	1/2
	17 1/2		15 1/2

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Soc. 102—Prin. of Geography	3	Soc. 305—Contemp. Soc. Prob.	3
Soc. 301—Intro. to Sociology	3	Soc. 302—Intro. to Sociology	3
Econ. 211—Prin. of Economics	3	Soc. 308—Social Statistics	3
Soc. 303—Cultural Anthropology.	3	Electives	6
Elective	3		
	15		15

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Soc. 401—Social Psychology	3	Soc. 431—Social Change	3
Major or Minor students select		Major or Minor students select	
three semester hours from		three semester hours from	
upper level sociology courses	3	upper level sociology courses	3
Electives	12	Electives	10
	18		16

CURRICULUM
in
THE SOCIAL SCIENCES AREA OF CONCENTRATION
(This leads to Teacher Certification)

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Biol. 101—Life Science	3	Biol. 102—Life Science	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Fren. 101—Elementary French	3	Fren. 102—Elementary French	3
Span. 101—Elementary Spanish		Span. 102—Elementary Spanish	
Soc. 102—Prin. of Geography	3	Soc. 211—Geography of N. America	3
Educ. 100—Fleshman Orientation	1/2		
P.Ed. 101—Orientation in P. Ed.	1/2	P.Ed. 102—Orientation in P. Ed.	1/2
	16		15 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Hist. 201—United States History	3	Hist. 202—United States History	3
Soc. 201—Intro. to Soc. Sci.	3	Soc. 202—Intro. to Soc. Sci.	3
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
Educ. 203—Gen. Psychology	3	Educ. 222—Human Dev. & Psych. II	3
Sci. 201—Intro. to Phy. Science	3	Sci. 202—Intro. to Phy. Science	3
P.Ed. 201—Rec. Activities	1/2	P.Ed. 202—Rec. Activities	1/2
	15 1/2		15 1/2

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Soc. 301—Intro. to Sociology	3	Soc. 302—Intro. to Sociology	3
Hist. 301—Modern Europe	3	Soc. 305—Contemporary Soc. Prob.	3
Econ. 211—Principles of Economics	3	Hist. 302—Modern Europe	3
P.S. 311—American Government	3	Econ. 212—Principles of Economics	3
P.Ed. 221—Health and Safety	2	P.S. 312—State Government	3
Electives	3	Educ. 452—Fund. of Sec. Educ.	3
	17		18

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Sociology (Upper Level)	3	Educ. 410SS—Meth. of Tchg.	
Hist. 405—Southern History	3	Soc. Sci. 412—Admin. of Public Schools	3
Hist. 411—Recent European Hist.	3	Elective	2
Electives	6	*Ed. 400—Supervised Teaching	8
	15		16

*All prerequisites and requirements for Supervised Teaching are administered by the Department of Education and Psychology. It is the student's responsibility to meet them.

COURSE DESCRIPTION

SOCIOLOGY 102. Principles of Geography. This course presents the basic principles underlying the science of geography and the human use of resources; the earth's form and movements, climate, topography, oceans and other waters, soils, vegetation and minerals. There is no prerequisite, but this course is prerequisite for majors, minors and the social sciences area of concentration. It is the prerequisite to Sociology 211 and 212. Credit 3 hours.

SOCIOLOGY 201-202, two semesters. An Introduction to the Social Sciences. This is a survey course of the major social sciences. The aim is to introduce students to that branch of knowledge brought about by the scientific method of social inquiry. There is no prerequisite, but this course is a prerequisite for all majors, minors and the social sciences area of concentration. Credit 3 hours for each course.

SOCIOLOGY 211. Regional Geography of North America. This is a regional study of the North American continent with an added unit on Hawaii. Emphases are placed upon the natural resources, economic activities of inhabitants, significant features of each region and the importance of human relations to nature. Sociology 102 is a prerequisite. Required for the Social Sciences Area of Concentration. Credit 3 hours.

SOCIOLOGY 212. Geography of Africa: Sub-Sahara Regions. The first portion will survey the African continent as a whole, its historical and physical backgrounds, climates, soils, vegetations, peoples and cultures, and current developments. The second portion will be descriptive of specific countries, provinces and regions with emphases upon the Sub-Sahara region. Sociology 102 is a prerequisite. Credit 3 hours.

SOCIOLOGY 301-302, two semesters. Introduction to Sociology. This is the first purely sociological course in the department and is required for all students. Emphasis is placed upon social relationships as the focus in sociology. The approach is conceptual. The aim is to give precision and scientific reference to qualitative thinking. The social structure is analyzed in terms of the forces which sustain the structure in its ongoingness. Sociology 201 and 202 are prerequisites. This course is required for all majors, minors and the social sciences area of concentration. It is a prerequisite for all other upper level sociology courses. Credit 3 hours each course.

SOCIOLOGY 303. Cultural Anthropology. This course is designed to acquaint the student with the basic social processes in the universal behavior of man irrespective of time or place, to point out the main relationships between culture and personality and to survey the factual research on unique sub-cultures of man. Individual projects are expected and displayed. Prerequisites are Sociology 201-202 and 301-302. The latter may be taken concurrently. Credit 3 hours.

SOCIOLOGY 304. Minority Groups. The primary aim of this course is to present objective analyses of ethnic groups. The main units covered are designed to explain the meaning and status of minorities, minority peoples, cultural conflicts, values and attitudes, and the emerging trends toward a cultural democracy in world society. Prerequisites are History 101-102, Sociology 201-202 and

301-302. The latter may be taken concurrently. Required for all majors and the social sciences area of concentration.

SOCIOLOGY 306. Methods of Social Research. This course provides theoretical and practical training in social research methods. Emphases are placed on the study of the roles and tasks of social researchers, construction of data-gathering forms, techniques of data collecting including interviewing, observation, use of schedules and questionnaires and procedures in analysis and interpretation. Prerequisites are Sociology 201-202 and 301-302. The latter may be taken concurrently. Required for majors. Credit 3 hours.

SOCIOLOGY 308. Introductory Social Statistics. This course introduces the logic and use of qualitative and quantitative social statistics as methods of analyzing and refining raw sociological data, lecture and laboratory. Prerequisites include a background in general mathematics with units on algebra preferred. Credit 3 hours.

SOCIOLOGY 310-311, two semesters. Group Dynamics. The first semester will focus on theory and skill sessions. The second semester will focus on in-class practicum. Goals are variation of learning related to increased self awareness; uncovering conditions which inhibit or facilitate group functioning; understanding interpersonal operations in groups; developing and employing skills for diagnosing individual, group and organizational behavior. Open primarily to majors, minors and the social sciences area of concentration. Prerequisites are Sociology 201-202 and 301-302. Credit 3 hours each course.

SOCIOLOGY 312. The Sociology of Poverty. This course investigates the socio-cultural factors which contribute to poverty and deprivation. It analyzes the processes by which social differentiation tends to produce social categories and groups in the society defined as poverty-stricken. Prerequisites are Sociology 201-202, 301-302 and 305. Credit 3 hours.

SOCIOLOGY 331. Rural Sociology. This course introduces the student to theories, principles and practices in rural society as a basis toward analyzing any society. It serves as a systematic springboard toward the investigation of rural and urban society. Prerequisites are Sociology 201-202 and 301-302. The latter may be taken concurrently. Credit 3 hours.

SOCIOLOGY 342. Social Disorganization. The forms of deviant social behavior, theories of deviant social status and corresponding methods of treatment. Credit 3 hours.

SOCIOLOGY 343. Juvenile Delinquency. In this course emphasis is placed upon factors of causation as revealed through personal, family and community situations conditioning delinquent behavior. Critical examination is made of current methods of dealing with juvenile offenders and programs for the prevention of delinquency.

Prerequisites are Sociology 201-202 and 301-302. The latter may not be taken concurrently with this course. Credit 3 hours.

SOCIOLOGY 350. Urban Sociology. This course critically examines the social processes, cogent data of the complex array of peoples, the emergence of leadership, the structure of authority and the differentiations between urban social institutions and urban mechanical institutions. It probes the causative contributions to rapid social change in the urbanization-disorganization schemata and the trend toward megapolis. Prerequisites are Sociology 201-202 and 301-302. The latter may be taken concurrently. Credit 3 hours.

SOCIOLOGY 401. Social Psychology. This course is more or less one of psychology. It studies the individual in the group setting. The major content covers the socio-psychological functions of language, of variations among human beings and the social psychology of the development of personality. Prerequisites are Sociology 201-202 and Education 203. Credit 3 hours.

SOCIOLOGY 403. Introduction to Social Work. This is a pre-professional course. It is designed to develop an introductory appreciation of the history, development and treatment skills of social technology. Participation in professional conferences at the expense of the student is strongly urged; also student membership in the statewide association for social workers is strongly urged. Prerequisites are Sociology 201-202, 301-302 plus three more credits earned in upper level sociology. Prerequisites may not be taken concurrently. Credit 3 hours.

SOCIOLOGY 423. Criminology. This is a study of the general research on criminology from the classical schools to the present with special units on the professional criminal and "white collar" crime. Prerequisites are Sociology 201-202 and 301-302. The latter may be taken concurrently. Credit 3 hours.

SOCIOLOGY 431. Social Change. Open to seniors only. This course is in the nature of a seminar in which advanced students must develop units independently and a defense of the same. The entire spectrum of sociology for the students to select from in their competition for excellence as a mode for preparing for graduate study. Prerequisites are Sociology 201-202, 301-302 plus nine more credits earned in upper level sociology. Credit 3 hours.

SOCIOLOGY 441. Dating, Courtship and Marriage. This course is designed for those who are seeking the systematics of dating, courtship and marriage. The purpose is to present the most reliable knowledge which exists about dating, mate selection, marriage and/or remarriage. Students individually or in small groups present their findings for formal evaluation by the entire class which acts as the evaluative critics. Prerequisites are Sociology 201-202, 301-302 plus nine more credits earned in upper level sociology and senior status. Credit 3 hours.

REGIONAL EDUCATION PLAN
in VETERINARY MEDICINE for
RESIDENTS of KENTUCKY

Since there is no college or university in the Commonwealth of Kentucky which offers training in Veterinary Medicine, the Commonwealth, through the Regional Education Plan, has made it possible for a limited number of qualified youth of Kentucky to enroll in the approved School of Veterinary Medicine at Tuskegee Institute, Tuskegee Institute, Alabama.

Under this plan the Commonwealth pays Tuskegee Institute the equivalent of the out-of-state fee. Thus, the student from Kentucky will have to pay only the small fee usually paid by a resident of the State of Alabama.

To enter the School of Veterinary Medicine at Tuskegee Institute, a student must have completed a two-year, pre-veterinary program, or its equivalent. This must include the courses basic to the study of Veterinary Medicine.

Interested students should write the Registrar of Tuskegee Institute or the Dean, School of Veterinary Medicine at Tuskegee, for course requirements and other details.

After certification the approved applications will be sent to Tuskegee Institute and the necessary "Permit to Register" will be mailed to the applicant.

Trained Veterinarians are needed in every section of the country and in many fields of endeavor. Veterinary Medicine leads to careers in the following: Private Practice, food inspector, college instructor, stock farm manager, animal disease control officer, supervisor of field, regulatory works, army service, and research.

Tuskegee Institute offers a six-year course leading to the degree of Doctor of Veterinary Medicine.

The first two years are pre-professional and the required work is offered through the major in General Science. In addition, candidates should take the required work in Animal Science in the Department of Agriculture.

The professional curriculum is offered by the School of Veterinary Medicine. It requires four years of specialized study.

Applicants for the four-year professional course must have earned 60 semester hours of credit, above high school, with a grade of "C" or better. These credits must have been earned in the following subjects:

	Sem. Hrs.
ENGLISH	12
PHYSICAL SCIENCE:	
a. Chemistry (General, Qualitative Analysis and Organic)	12
b. Physics—(one year)	6
BIOLOGICAL SCIENCE:	
a. Zoology, (General, Comparative Vertebrate Anatomy)	8
b. Embryology	2
c. Genetics	2
d. Botany	2
ANIMAL SCIENCE:	
a. Elements of Animal Husbandry	2-3
b. Poultry Husbandry	2-3
• ELECTIVES	12
Group I —Literature, Public Speaking, Logic, a Foreign Language, Philosophy and Psychology.	
Group II —Political Science, Economics, History and Sociology.	
Group III—Mathematics, Algebra, Trigonometry and Statistics.	
Group IV —Livestock judging and Free Electives.	
Also, applicants in possession of Bachelor degrees in agriculture, chemistry, or biological sciences (including pre-med.) who have completed the requirements for these degrees with an accumulative grade point average in excess of "C" or its equivalent shall be considered AT THE DISCRETION OF THE COMMITTEE ON ADMISSIONS IN THE SCHOOL OF VETERINARY MEDICINE for admission to the professional curriculum in Veterinary Medicine. Upon recommendation of the Committee on Admissions, stated prerequisite courses which individuals have not completed shall be waived and the applicant admitted to the professional curriculum. In no case may applicants be considered favorably under the above conditions who have not completed a course in Organic Chemistry.	
Students who wish to complete requirements for a degree before entering upon this cooperative program, may take the following program.	

BIOLOGY—VETERINARY MEDICINE

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Biol. 103—Life Science	4	Biol. 104—Life Science	4
Math. 101—College Algebra	3	Math. 102—Trigonometry	3
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Fren. 101—Elementary French	3	Fren. 102—Elementary French	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
P. Ed. 101—Orientation in P. Ed.	1/2	P. Ed. 102—Orientation in P. Ed.	1/2
Ed. 100—Freshman Orientation	1/2		
	17		16 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Chem. 101—General Chemistry	4	Chem. 102—General Chemistry	4
Eng. 211—Intro. to Literature	3	Eng. 211—Intro. to Literature	3
Fren. 201—Intermediate French	3	Fren. 202—Intermediate French	3
Biol. 211—Genetics	3	Biol. 212—General Botany	3
Ed. 221—Human Dev. & Psy. I.	3	Ed. 222—Human Dev. & Psy. II.	3
P. Ed. 201—Recreational Act.	1/2	P. Ed. 202—Recreational Act.	1/2
	16 1/2		16 1/2

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Eng. 201—Public Speaking	2	Soc. 202—Intro. Social Science	3
Sci. 211—Physics	4	Biol. 302—General Microbiology	3
Biol. 301—Gen. Human Physiology	4	Biol. 304—Vertebrate Embryology	4
Biol. 303—Vertebrate Anatomy	4	Sci. 212—Physics	4
Soc. 201—Intro. Social Science	3	Elective	3
	17		17

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Biol. 401—Entomology	4	Agr. 104—Farm Poultry	4
Agr. 103—Farm Animals	4	Chem. 202—Organic Chemistry	4
Chem. 201—Organic Chemistry	4	Electives	7
P. Ed. 221—Health Education	4		
	16		15

MEDICAL TECHNOLOGY CURRICULUM

Students who successfully complete this curriculum are awarded the Bachelor of Science degree in Medical Technology. This curriculum combines a minimum of three years of college work at Kentucky State College with twelve calendar months of satisfactory technical training at the Lexington Clinic, Lexington, Kentucky. All graduation requirements for the Bachelor's Degree at Kentucky State must be met before work is begun at the Clinic.

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Biol. 103—Life Science	4	Biol. 104—Life Science	4
Math. 101—College Algebra	3	Math. 102—Trigonometry	3
Chem. 101—General Chemistry	4	Chem. 102—General Chemistry	4
Educ. 100—Freshman Orientation	1/2	H.Ec. 105—Social Life	1
P. Ed. 101—Orientation in P. Ed.	1/2	P. Ed. 102—Orientation in P. Ed.	1/2
	18		18 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
Educ. 203—General Psychology	3	Elective	3
Fren. 101—Elementary French	3	Fren. 102—Elementary French	3
Biol. 305—Microtechnique & Histology	4	Biol. 302—General Microbiology	3
Chem. 203—Gravimetric Analysis	4	Chem. 204—Volumetric Analysis	4
P. Ed. 201—Recreational Activities	1/2	P. Ed. 202—Recreational Activities	1/2
	17 1/2		16 1/2

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Soc. 201—Intro. to Social Sci.	3	Soc. 202—Intro. to Social Sci.	3
Biol. 301—General Human Physiology	4	Biol. 304—Vertebrate Embryology	4
Sci. 211—General Physics	4	Sci. 212—General Physics	4
Fren. 201—Intermediate French	3	Fren. 202—Intermediate French	3
Chem. 201—Organic Chemistry	4	Chem. 202—Organic Chemistry	4
	18		18

SENIOR YEAR

Offered at Clinics in Lexington and Louisville

V. THE KENTUCKY STATE COLLEGE COMMUNITY COLLEGE

The Community College is one of the important new and growing programs at Kentucky State College. Its primary aim is to relate the College and the community via meaningful credit and non-credit instructional activities.

The campus evening class program has been and continues to be the principal medium for achieving this objective. Under the auspices of the Community College program at Kentucky State, this schedule is expanding rapidly and is accommodating increasing numbers of students who have a broadening variety of interests and ambitions.

Also, more and more commuting students are enrolling in day classes on a part-time basis. Homemakers often find this approach to a college education attractive.

Two-year degrees and one-year certificates are important incentives which have been added to the Community College program. These are discussed in subsequent paragraphs. Now, a student can work toward a degree or certificate while he holds a full-time position in a nearby factory, office or business.

The Community College is providing additional services through non-credit courses, institutes, and conferences. Examples of these are summer Head Start staff orientation institutes and conferences on aging. Individuals or organizations that have interests in these kinds of programs should communicate with the Director of Development, Room 226, Hume Hall.

In the following paragraphs, various guidelines for registration as a part-time student are given. These generally conform to the regulations and schedules set forth elsewhere in this catalogue for full-time students.

ADMISSION

A student will be admitted to courses for credit in the Community College program if he is eligible for credit as a full-time student at Kentucky State College. Each student is responsible for the submission of the necessary applications and records which verify his eligibility. No credit will be granted until the admission process is completed.

There are no requirements for admission to non-credit courses or to non-credit status in credit courses. These are open to any one desiring to enroll.

COUNSELING

Prospective students are urged to visit the Office of Develop-

ment, Room 226 Hume Hall, before registration, in order to discuss matters related to enrollment, transfer of credits, fees, degree plans, etc. This visit should take place soon enough for all admissions procedures to be completed before registration.

TRANSFER OF CREDIT

It is the responsibility of the student to ascertain whether specific courses will be accepted by another institution. Generally, transfer of credit is permissible.

REGISTRATION DATES AND TIMES

The dates and times for registration will be announced for each semester. For evening and part-time students the period to register usually includes several days and at least one evening in order to accommodate those who are employed.

REGISTRATION PLACE

The Office of Development, in Room 226 of Hume Hall, is the place to report for registration.

REGISTRATION DEADLINE

In order to enroll for credit, a person must register before a class begins its second week of meetings.

LATE REGISTRATION

An extra fee must be paid at the time of registration by anyone who enrolls after his class has met the first time. Late registration continues until the day a class begins its second week.

REGISTRATION FEES

\$11.00 per credit hour. Non-credit courses \$11.00 to \$40.00 depending on the course. A \$2 service charge will be added to the total amount of the class registration fee for each student. The amount of the registration fee is set by the Kentucky Council on Public Higher Education and is subject to revision periodically.

REFUNDS

For anyone who withdraws before the deadline, there will be a full or partial refund of the registration fee, the amount depending on the date of withdrawal. The official date of withdrawal is the date the written notice is received by the Office of Development. The withdrawal deadline will be announced at the beginning of each semester.

CALENDAR

The Community College calendars are essentially the same as those listed in the front of this catalogue. Any variations will be announced at the beginning of each semester.

NUMBER OF CLASS MEETINGS

Every course, unless otherwise specified, is to meet during

at least sixteen of the seventeen to nineteen weeks during the semester.

CURRICULA

The patterns of study of the Community College are planned to meet the needs of several groups of students: (1) those who desire to extend their education two years beyond high school and to pursue subjects that will round out and complete their general education, (2) those who desire to complete a four-year college education and to obtain the first two years in a college near their homes, (3) those who expect to enter professional schools later and who desire to obtain the pre-professional training essential for that purpose, (4) those who desire training in special areas which will prepare them for positions in government, business and industry, and (5) those who want to improve themselves culturally or who want to learn for personal enjoyment. Twelve curricula:

Computer Science I and II, General Education, Industrial Technology (Architectural Drafting, Civil Drafting, Electronics, and Metals), Library Technology, Nursing Education, Secretarial Science (Two Years and One Year), and Agriculture are in operation. Others are under consideration: Accounting Technology, Administrative Secretary, Business Administration, and Instrumentation Technology.

ASSOCIATE IN APPLIED SCIENCE DEGREES—

COMPUTER SCIENCE I AND II

The Department of Computer Science offers two associate degrees in Computer Science for students who plan careers in data processing and related computer activities. The programs may also be used as foundations for those desiring to pursue bachelor's degrees. The objectives are to provide (1) an understanding of how computers operate; (2) a working knowledge of computer concepts, programming, and systems; (3) an experience with computers through in-service training; and (4) a foundation through basic courses for further college study.

Graduates of the associate degree programs are equipped with training and experience for employment as programmers and systems workers in data centers. To provide meaningful experiences, the College not only operates a data center but maintains close relationship with several local computer installations.

One of the degrees, Associate in Applied Science in Computer Science I, is designed for beginning students. The other, Associate in Applied Science in Computer Science II, is organized to accommodate those who already have a working knowledge of computers and data centers.

ASSOCIATE in ARTS DEGREE—GENERAL EDUCATION

Some students desire to complete their formal education in the Community College. They are not interested in preparing to enter specific positions after graduation, or in working toward four-year degrees. Such students register in the two-year general education curriculum, consisting of the basic curriculum and such other curricula as they desire and are qualified to enter. Counselors will help the students to choose electives which will make it possible to explore new fields of study in accordance with the students' interests.

ASSOCIATE IN APPLIED SCIENCE DEGREES— INDUSTRIAL TECHNOLOGY

The Department of Industrial Arts provides two-year industrial technology degrees in four areas: Architectural Drafting, Civil Drafting, Electronics, and Metals. Graduates of these programs work as technicians in architectural offices, engineering companies, and industrial establishments. They obtain backgrounds in general education and technology which enable them to pursue four-year degrees if they choose to do so.

ASSOCIATE IN APPLIED SCIENCE DEGREE— LIBRARY TECHNOLOGY

This degree offers preparation for careers in public, technical, industrial, and school libraries. Technicians work in conjunction with professional librarians. They are trained in the acquisition and cataloging of books and other materials. They assist in circulation activity with the public and they answer certain reference questions. The technician supervises non-technical personnel.

ASSOCIATE IN APPLIED SCIENCE DEGREE— NURSING EDUCATION

The Department of Nursing Education is accredited by the Kentucky State Board of Nursing and Nurse Registration which supervises all preparation programs in the Commonwealth and which conducts the licensing examination for prospective registered nurses (R.N.'s).

The Department of Nursing Education provides for its students a well organized two-year curriculum which includes general education and professional courses. The program is designed to prepare both men and women to become registered nurses who can function with intellectual and technical competency in bed-

side nursing-care. It combines studies at the College with a planned and guided experience in patient care in hospitals and health agencies in Franklin, Jefferson, and Fayette Counties.

With this educational background, the graduate is prepared for beginning bedside nursing positions in all clinical nursing areas. Furthermore, the general education which the student acquires will help him to be a more effective, productive citizen in his community.

ASSOCIATE IN APPLIED SCIENCE DEGREE— SECRETARIAL SCIENCE (TWO YEARS)

Through its two-year curriculum in Secretarial Science, the Community College program of Kentucky State College offers an area of training designed to prepare a student for employment in general secretarial and clerical fields.

This program is especially planned for the person who does not wish to pursue a bachelor's degree, but is interested in acquiring the requisite proficiencies and skills for gainful employment and who desires the collegiate background that will contribute to advancement after a two-year period of matriculation.

CERTIFICATE in APPLIED SCIENCE-SECRETARIAL SCIENCE (ONE YEAR)

Through its one-year curriculum in Secretarial Science, the Community College provides intensive training for the individual who desires secretarial or clerical employment after a minimum time period, yet who wants a well-rounded preparation.

TWO-YEAR CURRICULUM in AGRICULTURE

The two-year program in Agriculture constitutes a cooperative arrangement between Kentucky State College and the College of Agriculture and Home Economics, at the University of Kentucky.

Each course completed as a part of the two-year curriculum at Kentucky State College is transferable to the University of Kentucky, provided the student has a grade of "C" or better in the course and has an overall academic standing of 2.0 or better, 4.0=A.

OTHER CURRICULA LEADING to ASSOCIATE (TWO-YEAR) DEGREES

The following associate degree curricula are now under consideration.

Accounting Technology. This curriculum will enable a person to specialize in Accounting and to receive an associate degree. There will be related business courses and a number of general education subjects. A graduate of the program will be prepared to do accounting in business and in government.

Administrative Secretary. This program will provide advanced training and general education for experienced secretaries who hold or hope to move into positions of supervisory and administrative responsibility.

Business Administration. The two-year Business Administration program will enable students who are not in position to pursue the bachelor's degree to obtain basic preparation for a business career and to receive the associate degree in recognition of the accomplishment. Completion of the program should assist the person to obtain commercial employment at a level higher than the non-college student.

Instrumentation Technology. This curriculum will be designed to develop instrument technicians who are qualified to solve problems involving basic installation and maintenance of complicated instruments and automatic controls.

ADDITIONAL INFORMATION

Prospective enrollees for any of the above programs may write or call the Office of Development, Room 226, Hume Hall, for detailed information about entrance requirements, specific courses, and schedules. Brochures which describe each existing program are available now, and brochures which describe the new programs will be prepared prior to the beginning of each program.

ASSOCIATE IN APPLIED SCIENCE DEGREE COMPUTER SCIENCE I

CURRICULUM

FRESHMAN YEAR

	First Semester	Hours	Second Semester	Hours
C.S.	100—Introduction to Electronic Data Processing	3	102—Programming II—Report Program Generator	3
C.S.	101—Programming I—FORTRAN	3	104—Programming IV—COBOL	3
C.S.	103—Programming III—COBOL	3	105—Programming V—Basic Assembly Language	3
Eng.	101—English Composition	3	Eng.	102—English Composition
Math.	101—Algebra or 105—Freshman Mathematics I	3	Math.	102—Trigonometry or 106—Freshman Mathematics II

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
C.S. 200—Systems Design and Analysis I	3	C.S. 201—Systems Design and Analysis II	3
C.S. 202—Operating Systems—Software	3	C.S. 203—Special Electronic Data Processing Problems I	3
C.S. 205—Applications	3	C.S. 206—Data Center Management	3
B.A. 261—Principles of Accounting	4	B.A. 262—Principles of Accounting	4
Elective (Advised)	3	B.A. 311—Business Statistics or Ed. 440—Educational Statistics or Soc. 308—Introductory Statistics	3
		Elective (Advised)	3
	16		
			19
		Total for Two Years:	65

ASSOCIATE IN APPLIED SCIENCE DEGREE COMPUTER SCIENCE II

CURRICULUM

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
C.S. 101—Programming I—FORTRAN	3	C.S. 202—Operating Systems Software	3
C.S. 102—Programming II—Report Program Generator	3	C.S. 205—Applications	3
C.S. 105—Programming V—Basic Assembly Language	3	Eng. 102—English Composition	3
Eng. 101—English Composition	3	Math. 102—Trigonometry or Math. 106—Freshman Mathematics II	3
Math. 101—College Algebra or Math. 105—Freshman Mathematics I	3	Elective (Advised)	3
	15		15

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
C.S. 200—Systems Design and Analysis I	3	C.S. 201—Systems Design and Analysis II	3
C.S. 203—Special EDP Problems I	3	C.S. 207—Teleprocessing—Time Sharing	3
C.S. 206—Data Center Management	3	C.S. 208—Advanced Computer Techniques	3
B.A. 261—Principles of Accounting	4	C.S. 209—Advanced FORTRAN Techniques	3
B.A. 311—Business Statistics or Ed. 440—Educational Statistics or Soc. 308—Introduction to Statistics	3	B.A. 262—Principles of Accounting	4
Elective (Advised)	3	Elective (Advised)	3
	19		19
		Total for Two Years:	68

COURSE DESCRIPTION

C. S. 100. *Introduction to Electronic Data Processing.* Survey of basic computer concepts, hardware and operations; introduction of basic programming concepts and documentation standards used in the associate degree program. Credit 3 hours.

C. S. 101. *Programming I-FORTRAN.* Study of logic, sub-

programs, and all basic statements used in writing FORTRAN IV programs with proper documentation. Credit 3 hours.

C. S. 102. *Programming II-Report Program Generator.* Study of Report Program Generator (RPG) computer language, to write specifications for jobs utilizing input and output devices and proper documentation. Prerequisite: C. S. 100. Credit 3 hours.

C. S. 103. *Programming III-COBOL.* Study of basic aspects of COBOL language in which students secure experience in preparing COBOL programs. Prerequisite: C. S. 100. Credit 3 hours.

C. S. 104. *Programming IV-COBOL.* Continuation of EDP 103 in which more complicated COBOL routines and techniques are introduced with more experience in preparing programs. Prerequisite: C. S. 100 and 103. Credit 3 hours.

C. S. 105. *Programming V-Basic Assembly Language.* Study of basic assembly language (BAL) in which students prepare programs using program listings and other aids and learn to use efficient coding techniques. Prerequisite: C. S. 100. Credit 3 hours.

C. S. 200. *Systems Design and Analysis I.* Introduction to systems design and analysis techniques utilized in surveying, developing, and installing computer application systems, documentation of entire system and practice in preparing schedule, securing approvals, and system installation. Prerequisite: C. S. 100. Credit 3 hours.

C. S. 201. *System Design and Analysis II.* Continuation of C. S. 200 with emphasis on communication systems and further practice in design and analysis of more complicated systems. Prerequisite: C. S. 200. Credit 3 hours.

C. S. 202. *Operating Systems—Software.* Survey of current operative systems utilized in various types of computers, comparative analysis of operations system, system generation techniques. Prerequisite: C. S. 100 and/or consent of instructor. Credit 3 hours.

C. S. 203. *Special Electronic Data Processing. Problems I.* Survey of current computer developments in hardware, software, and applications. Emphasis in selected aspects of electronic processing in which specific problems are examined in depth. Prerequisite: C. S. 100 and/or consent of instructor. Credit 3 hours.

C. S. 204. *Special Electronic Data Processing. Problems II.* Continuation of C. S. 203. Prerequisite: C. S. 203. Credit 3 hours.

C.S. 205. *Applications.* Survey of types of computer uses in industry and government; developments in information systems and survey of techniques employed by management utilizing computer technology. Prerequisite: Consent of instructor. Credit 3 hours.

C. S. 206. *Data Center Management.* Study of data center management, organization and administration policies and practices, including scheduling of work, documentation standards, computer utilization and operations. Prerequisite: Consent of instructor. Credit 3 hours.

C. S. 207. *Teleprocessing-Time Sharing.* Study of various approaches to teleprocessing and time sharing of large computer systems, practice in utilization of terminals for computer application. Prerequisite: C. S. 100 or consent of instructor. Credit 3 hours.

C. S. 208. *Advanced Computer Techniques.* Study of simulation, linear programming, and programming more sophisticated statistical techniques. Prerequisite: C. S. 100 or consent of instructor. Credit 3 hours.

C. S. 209. *Advanced FORTRAN Techniques.* Study of FORTRAN IV programs in which more advanced scientific engineering, or mathematical programs are prepared. Prerequisite: C. S. 101 or consent of instructor. Credit 3 hours.

ASSOCIATE IN ARTS DEGREE—GENERAL EDUCATION CURRICULUM

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Biol. 101—Life Science	3	Biol. 102—Life Science	3
College Orientation	1	P.Ed. Orientation in P.Ed.	1
P.Ed. Orientation in P.Ed.	1	R. Lang. 102—(French or Spanish)	3
R. Lang. 101—(French or Spanish)	3	Elect from group below	3
Elect from group below	3	Math. 102—Trigonometry	3
Math. 101—College Algebra	3	Soc. 102—Prin. of Geography	3
Soc. 102—Prin. of Geography	3	Mus. 102—Public School Music	3
Mus. 101—Public School Music	3	Ed. 102—Arts & Crafts II	3
Ed. 101—Arts & Crafts I	3		
	17		16

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—Intro. to Literature	3	Eng. 212—Intro. to Literature	3
Soc. 201—Intro. to Social Sci.	3	Soc. 202—Intro. to Social Sci.	3
Sci. 201—Intro. to Physical Sci.	3	Sci. 202—Intro. to Physical Sci.	3
Ed. 211—Human Dev. & Psy. I.	3	Ed. 222—Human Dev. & Psy. II.	3
Elect from group below	3-5	Elect from group below	3-5
R. Lang. 201—(French or Spanish)	3	R. Lang. 202—(French or Spanish)	3
Hist. 201—U. S. History	3	Hist. 202—U. S. History	3
Sci. 211—General Physics	4	Sci. 212—General Physics	4
Eng. 201—Public Speaking	2	Eng. 204—Prob. of Voice Trng.	2
Chem. 101—General Chemistry	4	Chem. 102—General Chemistry	4
Mus. 271—Music Appreciation	2	Ed. 203—General Psychology	3
		Mus. 272—Music Appreciation	2
	15-17		15-17
		Total for Two Years:	63-67

ASSOCIATE IN APPLIED SCIENCE DEGREE— ARCHITECTURAL DRAFTING TECHNOLOGY CURRICULUM

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
I.T. 100A—Industrial Technology Orientation	1	I.T. 100B—Industrial Technology Orientation	1
I.T. 101—Drafting Fundamentals	3	I.T. 102—Drafting Fundamentals	3
Chem. 101—General Chemistry	4	I.T. 104—Descriptive Geometry	3
Eng. 101—English Composition	3	I.T. 106—The Slide Rule	1
Hist. 101—World Civilization	3	Eng. 102—English Composition	3
Math. 101—Algebra or		Hist. 102—World Civilization	
Math. 105—Freshman Math. I	3	Math. 103—Trigonometry or	
		Math. 106—Freshman Math. II	3
	17		17

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
I.T. 251—Architectural Drafting I	3	I.T. 201—General Metal	3
Econ. 211—Principles of Economics	3	I.T. 202—Technical Illustration	3
Sci. 211—Physics	4	I.T. 204—Industrial Materials and Processes	3
Elective (Advised)	6	I.T. 206—Material Testing	1
		I.T. 212—Industrial Design	3
		I.T. 252—Architectural Drafting II	3
	16		16
		Total for Two Years:	66

ASSOCIATE IN APPLIED SCIENCE DEGREE— CIVIL DRAFTING TECHNOLOGY CURRICULUM

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
I.T. 100A—Orientation	1	I.T. 100B—Orientation	1
I.T. 101—Drafting Fundamentals	3	I.T. 102—Drafting Fundamentals	3
Chem. 101—General Chemistry	4	I.T. 104—Descriptive Geometry	3
Eng. 101—English Composition	3	I.T. 106—The Slide Rule	1
Hist. 101—World Civilization	3	Eng. 102—English Composition	3
Math. 101—Algebra or		Hist. 102—World Civilization	
Math. 105—Freshman Math. I	3	Math. 103—Trigonometry or	
		Math. 106—Freshman Math. II	3
	17		17

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
I.T. 233—Civil Drafting I	3	I.T. 201—General Metal	3
Econ. 211—Principles of Economics	3	I.T. 202—Industrial Illustration	3
Sci. 211—Physics	4	I.T. 204—Industrial Materials and Processes	3
Electives (Advised)	6	I.T. 206—Material Testing	1
		I.T. 212—Industrial Design	3
		I.T. 234—Civil Drafting II	3
	16		16
		Total for Two Years:	66

**ASSOCIATE IN APPLIED SCIENCE DEGREE—
ELECTRONICS TECHNOLOGY
CURRICULUM**

FRESHMAN YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
I.T. 100A—Orientation	1	I.T. 100B—Orientation	1
I.T. 223—Basic Electricity	3	I.T. 106—The Slide Rule	1
Chem. 101—General Chemistry	4	I.T. 243—Residential and Industrial Wiring	3
Eng. 101—English Composition	3	I.T. 323—Basic Electronics I	3
Hist. 101—World Civilization	3	Eng. 102—English Composition	3
Math. 101—Algebra or 105—Freshman Math. I	3	Hist. 102—World Civilization	3
		Math. 102—Trigonometry or 106—Freshman Math. II	3
	17		17

SOPHOMORE YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
I.T. 101—Drafting Fundamentals	3	I.T. 102—Drafting Fundamentals	3
I.T. 324—Basic Electronics II	3	I.T. 201—General Metal	3
Econ. 211—Principles of Economics	3	I.T. 202—Technical Illustration	3
Sci. 211—Physics	4	I.T. 204—Industrial Materials and Processes	3
Elective Advised	3	I.T. 206—Material Testing	1
	16	I.T. 325—Electronics III	3
			16
		Total for Two Years:	66

**ASSOCIATE IN APPLIED SCIENCE DEGREE—
METALS TECHNOLOGY
CURRICULUM**

FRESHMAN YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
I.T. 100A—Orientation	1	I.T. 100B—Orientation	1
I.T. 101—Drafting Fundamentals	3	I.T. 102—Drafting Fundamentals	3
Chem. 101—General Chemistry	4	I.T. 106—The Slide Rule	3
Eng. 101—English Composition	3	I.T. 201—General Metal	3
Hist. 101—World Civilization	3	Eng. 102—English Composition	3
Math. 101—Algebra or 105—Freshman Math. I	3	Hist. 102—World Civilization	3
	17	Math. 102—Trigonometry or 106—Freshman Math. II	3
	17		17

SOPHOMORE YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
I.T. 203—Machine Shop Practice	3	I.T. 204—Industrial Materials and Processes	3
I.T. 211—Machine Design	3	I.T. 206—Material Testing	1
I.T. 215—Metal Technology and Heat Treatment	3	I.T. 214—Machine Shop Production	3
I.T. 225—Welding	2	I.T. 224—Production Planning	3
Econ. 211—Principles of Economics	3	I.T. 244—Welding Fabrication and Design	3
Elective Advised	3	I.T. 254—Tool Design	3
	17		16
		Total for Two Years:	67

COURSE DESCRIPTION

GENERAL TECHNOLOGY

INDUSTRIAL TECHNOLOGY 100A and 100B. *Orientation (Highway, Industry, Trades).* A study through discussion, general reading,

and visitation of Highway Department, industries, trades, and businesses to acquaint the student with the general nature of the technical area of his choice. Credit 1 hour each.

INDUSTRIAL TECHNOLOGY 101. *Drafting Fundamentals.* The same as Industrial Arts 101.

INDUSTRIAL TECHNOLOGY 102. *Drafting Fundamentals.* The same as Industrial Arts 102.

INDUSTRIAL TECHNOLOGY 104. *Descriptive Geometry.* The same as Industrial Arts 123.

INDUSTRIAL TECHNOLOGY 106. *The Slide Rule.* The reading of the scales, multiplication, division, roots, powers, sine scale. Solution of trigonometric formulas and triangles. Credit 1 hour.

INDUSTRIAL TECHNOLOGY 201. *General Metal.* The same as Industrial Arts 201.

INDUSTRIAL TECHNOLOGY 202. *Technical Illustration.* A study of production and product illustration. Covers isometric, dimetric, trimetric, obliques and perspectives; emphasis on shades, shadows, and use of color of technical illustration. Airbrush techniques. Credit 3 hours.

INDUSTRIAL TECHNOLOGY 204. *Industrial Materials and Processes.* Properties of engineering materials; basic structure of materials mechanical and chemical properties, and control of properties during production and fabrication. Analytical study of new industrial materials, and their use. Credit 3 hours.

INDUSTRIAL TECHNOLOGY 206. *Material Testing.* The course embodies the study of simple stresses and elastic properties of various industrial materials. A combination theory and laboratory course designed to serve all applied science students. Credit 1 hour.

INDUSTRIAL TECHNOLOGY 212. *Industrial Design.* The same as Industrial Arts 312.

ARCHITECTURAL TECHNOLOGY

INDUSTRIAL TECHNOLOGY 251. *Architectural Drafting I.* The same as Industrial Arts 451.

INDUSTRIAL TECHNOLOGY 252. *Architectural Drafting II.* Plot surveying and drawing. Layouts for plumbing, heating, and electric power. Perspective drawing and rendering. Building estimates and specifications. Extensive study of industrial building plans. Credit 3 hours.

CIVIL TECHNOLOGY

INDUSTRIAL TECHNOLOGY 233. *Civil Drafting I.* Map drawing and reading, including: topographic symbols, contours, projected location, profile line, and grade. Planning earth and concrete retaining structures. Credit 3 hours.

INDUSTRIAL TECHNOLOGY 234. *Civil Drafting II.* Construction of maps from field and route notes, reproducing and changing scales of maps. Limited use of surveying instruments. Use of special drafting instruments and commercial drafting room practices. Credit 3 hours.

ELECTRONICS TECHNOLOGY

INDUSTRIAL TECHNOLOGY 223. *Basic Electricity.* Same as Industrial Arts 223.

INDUSTRIAL TECHNOLOGY 243. *Residential and Industrial Electricity.* Same as Industrial Arts 243.

INDUSTRIAL TECHNOLOGY 323. *Basic Electronics I.* Same as Industrial Arts 323.

INDUSTRIAL TECHNOLOGY 324. *Basic Electronics II.* Same as Industrial Arts 324.

INDUSTRIAL TECHNOLOGY 325. *Basic Electronics III. (Applied Industrial Electronics)* Study through lecture and laboratory experimentation of fundamentals of tubes and semiconductors as sensory, load and control devices. Special consideration is given to power supplies and rectifier circuits, switching and timing circuits, amplifiers, and oscillators. Applications of rectifiers with special emphasis on SCR circuits. Instantaneous, timing and sequence controls. Amplifiers, receivers, and oscillators used in industrial applications. (A paper is done on a student-designed project with actual construction.) Credit 3 hours.

METALS TECHNOLOGY

INDUSTRIAL TECHNOLOGY 203. *Machine Shop Practice 203.* Same as Industrial Arts 303.

INDUSTRIAL TECHNOLOGY 211. *Machine Design.* Same as Industrial Arts 411.

INDUSTRIAL TECHNOLOGY 214. *Machine Shop Production.* A complete machine tool or original design will be built. This project involves some use of student - built jigs and fixtures, and principles of assembling and fitting all individual parts to form the complete machine. Modern precision inspection techniques will be correlated with all production processes. Credit 3 hours.

INDUSTRIAL TECHNOLOGY 215. *Metal Technology and Heat Treatment.* A study of the properties of ferrous and non-ferrous metals by changing the alloy-rate of heating and cooling. Emphasis on correct use of technological terms of metals industry. Credit 3 hours.

INDUSTRIAL TECHNOLOGY 224. *Production Planning.* An analysis is made of the processes required for manufacture of a selected mechanical assembly; written plan sheets are made of these processes and the procedures are checked by actual shop production

of the assembly. Problems of modern manufacture and inspection routines are stressed. Credit 3 hours.

INDUSTRIAL TECHNOLOGY 225. *Welding.* Theory and practice in cutting and welding by the oxyacetylene method. Credit 2 hours.

INDUSTRIAL TECHNOLOGY 244. *Welding Fabrication and Design.* Theory and practice in welding by the arc welding method and combination work. Credit 3 hours.

INDUSTRIAL TECHNOLOGY 254. *Tool Design.* The design of jigs, fixtures, punches, dies, and other special tools of production. Credit 3 hours.

ASSOCIATE IN APPLIED SCIENCE DEGREE— LIBRARY TECHNOLOGY

CURRICULUM

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
L.S. 113—Introduction to Library Organization	3	L.S. 145—Library Acquisition Procedures	3
L.S. 131—Literature and Related Material for Children	3	Eng. 102—English Composition	3
Ed. 101—Arts and Crafts I	3	Math. 100—Fundamentals of Math.	3
Eng. 101—English Composition	3	Music 221—Music Appreciation	2
S.S. 100—Elementary Typewriting 2	2	S.S. 103—College Typewriting I.	3
Soc. 201—An Introduction to the Social Sciences	3	Soc. 202—An Introduction to the Social Sciences	3
	17		17

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
L.S. 200—Basic Cataloging and Classification	3	L.S. 241—Information Sources ...	3
L.S. 232—Literature and Related Material for Young People	3	L.S. 242—Circulation	3
Eng. 211—Introduction to Lit.	3	C.S. 100—Introduction to Elec. Data Processing	3
Hist. 101—World Civilization	3	Ed. 203—General Psychology	3
S.S. 211—Elementary Stenog. I ...	3	Ed. 442—Audio-Visual Education	3
S.S. 325—Office Machines	2	Eng. 212—Introduction to Lit.	3
	17		18

Total for Two Years: 69

COURSE DESCRIPTION

LIBRARY SCIENCE 113. *School Library Organization and Administration.* An introductory course designed to give an overview or broad picture of the school library and its function in the school program. Emphasis is placed on the philosophy of school librarianship, housing and equipment, acquisition and mechanical processing of library materials, circulation routines, public relations, library standards, and related topics. Credit 3 hours.

LIBRARY SCIENCE 131. Literature and Related Materials for Children. A course designed for teachers and librarians planning to work with children. Explores the field of literature for children, including its historical development and current trends. A study is made of poetry, folk and fairy stories, fiction and history, biography and animal stories, and other non-fictional books. Criteria for judging each group and methods of use with the school curriculum are considered. Aids in the selection of books and non-book materials are included. Credit 3 hours.

LIBRARY SCIENCE 145. Basic Cataloging and Classification. An introductory course in cataloging and classification of books. Included are a study of the Dewey Decimal and Library of Congress Classification systems, principles of elementary descriptive cataloging, making unit cards, card copying, and bibliographic searches. Practice in filing in various library catalogues. Credit 3 hours.

LIBRARY SCIENCE 200. Cataloging and Classification. This is an introductory course in cataloging and classification of books. Included are a study of the Dewey Decimal Classification System, principles of elementary descriptive cataloging, making unit cards, filing, and other necessary procedures for organizing a book collection. Credit 3 hours.

LIBRARY SCIENCE 232. Literature and Related Materials for Young People. A course designed for teachers and librarians planning to work with young people. Emphasis is placed on reading interests, materials to supplement the curriculum, understanding book reviews and book talks, and book selection aids. Short stories, drama, novels, biography, travel and other areas are emphasized. Credit 3 hours.

LIBRARY SCIENCE 241. Information Sources. A study of basic reference sources — encyclopedias, yearbooks, dictionaries, directories and other general reference books; also periodical indexes. Included is practice in the preparation of simple book lists and bibliographies. Practice in information searches on simple reference questions. Credit 3 hours.

LIBRARY SCIENCE 242. Circulation. A study of the various charging systems now in use in school, college and public libraries. Routines in charging, discharging, methods of handling overdues, reserves, renewals and other aspects of circulation control. Credit 3 hours.

**ASSOCIATE IN APPLIED SCIENCE DEGREE—
NURSING EDUCATION
CURRICULUM**

FRESHMAN YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Eng. 101—English Composition 3	3	Eng. 102—English Composition 3	3
Biol. 107—Anatomy and Physiology I 3	3	Ed. 221—Human Develop. and Psych. I (Child) 3	3
Ed. 203—General Psychology 3	3	Biol. 108—Anatomy and Physiology II 3	3
Nurs. 101—Principles of Nursing Care 7	7	Nurs. 102—Nursing in Major Health Problems I 7	7
	16		16

SOPHOMORE YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Chem. 101N—General Chemistry 3	3	Soc. 202—Intro. to Soc. Sci. 3	3
Soc. 201—Intro. to Soc. Sci. 3	3	Biol. 204—Microbiology 3	3
Nurs. 103—Nursing in Major Health Problems II...10	10	Nurs. 104—Maternal-New Born Nursing 5	5
	16	Nurs. 105—Nursing Seminar 5	5
	16	Total for Two Years: 64	

COURSE DESCRIPTION

NURSING 101. Principles of Nursing Care. An introductory course designed to serve as a basis upon which future courses in nursing can be built. It includes concepts, principles and techniques basic to all nursing care, the identification of normal basic needs of all individuals and an understanding of the variation of needs in illness and in wellness. The focus is on beginning skills of patient care and the nurse-patient relationship in the laboratory and hospital settings. Five hours lecture; eight hours laboratory per week. Credit 7 hours.

NURSING 102. Nursing in Major Health Problems I. A integrated course of medical, surgical, pediatric, and psychiatric nursing, which includes a study of the seven major health problems of all age groups. The focus is on further development of a therapeutic nurse-patient relationship, the application of nursing principles and behavioral concepts basic to the care of the patient in the psychiatric or general hospital setting. Emphasis is on dynamics of human behavior and psycho-dynamics of personality development. Pharmacology, nutrition and mental health concepts are integrated throughout the course. Prerequisite: Nursing 101. Four hours lecture; twelve hours laboratory per week. Credit 7 hours.

NURSING 103. Nursing in Major Health Problems II. A continuation of Nursing 102. Considers major health problems not previously explored. Selected clinical experiences will be provided in the recovery rooms, pediatric and medical-surgical units. Prerequisites: Nursing 101 and 102. Six hours lecture; sixteen hours laboratory per week. Credit 10 hours.

NURSING 104. Maternal-New Born Nursing. Utilizing the family-centered approach, nursing principles and techniques are used in the care of mothers during the maternity cycle, and newborn infants. This approach is made through understanding the normal maternity cycle and the new born child. Adaptations are made to include complications that occur during the maternity cycle. Related nutrition, pharmacology and community resources are included. Prerequisites: Nursing 101, 102, 103. Three hours lecture; eight hours laboratory per week. Credit 5 hours.

NURSING 105. Nursing Seminar. Emphasis is on specific nursing care problems; trends in nursing and nursing education; legal aspects of nursing practices; purpose and function of professional organizations; explanation of problems of nursing care. Prerequisites: Nursing 101, 102, 103, and 104. Three hours lecture; eight hours laboratory per week. Credit 5 hours.

ASSOCIATE IN APPLIED SCIENCE DEGREE—

SECRETARIAL SCIENCE

CURRICULUM

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Math. 100—Fundamentals of Math.	3	B.A. 112—Business Mathematics	3
B.A. 121—Intro. to Business	3	S.S. 103—College Typewriting	3
*S.S. 100—Elem. Typewriting	2	*S.S. 211—Elem. Stenography	3
S.S. 324—Records Management	1	S.S. 325—Office Machines	2
Educ. 203—General Psychology	3	B.A. 319—Electronic Data Processing	3
	15		17

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
B.A. 261—Prin. of Accounting	4	B.A. 262—Prin. of Accounting	4
S.S. 212—Elem. Stenography	3	S.S. 311—Dictation & Transcription	3
B.Ed. 204—Bus. Communication	3	B.Ed. 442—Office Management	3
Econ. 211—Prin. of Economics	3	B.A. 322—Business Law	3
B.A. 321—Business Law	3	S.S. 421—Secretarial Practice	3
S.S. 104—College Typewriting II.	3		
	19		16
Total for Two Years: 67			

*Students who pass a proficiency examination in S.S. 100 and/or S.S. 211, given on or before the first day of classes, will be exempted from these courses and permitted to enroll in S.S. 103 and/or S.S. 212. Other courses will be added to complete the full program of 67 hours.

CERTIFICATE IN APPLIED SCIENCE—

SECRETARIAL SCIENCE

(One Year)

CURRICULUM

First Semester	Hours	Second Semester	Hours
Math. 100—Fundamentals of Math.	3	B.A. 112—Business Mathematics	3
B.A. 121—Intro. to Business	3	S.S. 103—College Typewriting	3
*S.S. 100—Elem. Typewriting	2	S.S. 212—Elem. Stenography	3
*S.S. 211—Elem. Stenography	3	S.S. 325—Office Machines	2
S.S. 324—Records Management	1	B.A. 319—Electronic Data Processing	3
Eng. 101—English Composition	3	Eng. 102—English Composition	3
	15		17
Total for One Year: 32			

*Students who pass a proficiency examination in S.S. 100 and/or S.S. 211, given on or before the first day of classes, will be exempted from these courses and permitted to enroll in S.S. 103 and/or S.S. 212. Other courses will be added to complete the full program of 32 hours.

TWO-YEAR CURRICULUM IN AGRICULTURE

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Agr. 103—Animal Husbandry	3	Eng. 102—English Composition	3
Eng. 101—English Composition	3	Agr. 102—Gen. Horticulture	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Biol. 103—Life Science	4	Biol. 104—Life Science	4
Math. 101—College Algebra	3	Soc. 102—Prin. of Geography	
Agr. 101—Introduction to Agr.	1	or Elective	3
P.Ed. 101—Orientation in P.Ed.	1/2	P.Ed. 102—Orientation in P.Ed.	1/2
Ed. 100—Freshman Orientation	1/2		
	18		16 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Agr. 221—Agr. Economics	3	Agr. 204—Farm Crops	3
Eng. 201—Public Speaking	2	Chem. 102—Gen. Chemistry	4
Chem. 101—General Chemistry	4	Pol.Sc. 311—American Govt. or	
Econ. 211—Principles of Econ.	3	Ed. 203—General Psychology	3
Eng. 203—Adv. Composition	3	Eng. 204—Voice Training	2
Agr. 201—Economic Entomology	3	Eng. 211—Intro. to Literature	3
P.Ed. 201—Rec. Activities	1/2	P.Ed. 202—Rec. Activities	1/2
	18 1/2		18 1/2

COURSE DESCRIPTION

AGRICULTURE 101. Introduction to Agriculture. The purpose of this course is to assist students in gaining a perspective of the large number of career opportunities available to them in agriculture both in the United States and in foreign service. Lecture course. Credit 1 hour.

AGRICULTURE 102. General Horticulture. This course includes a study of the principles and practices basic to the production of

deciduous tree fruits, small fruits, and vegetables important in Kentucky. Lecture and discussion, two hours; laboratory, two hours. Credit 3 hours.

AGRICULTURE 103. *Animal Husbandry*. A survey course that includes types, breeds, market classes, and grades of beef cattle, swine, sheep; origin, development and characteristics of each breed along with its importance in Kentucky agriculture. Lecture, two hours; laboratory two hours. Credit 3 hours.

AGRICULTURE 204. *Farm Crops*. This course deals with the fundamentals underlying the production of cereals, forages, fibers, tobacco and other important field crops grown in Kentucky. Lecture, two hours; laboratory two hours. Credit 2 hours.

AGRICULTURE 221. *Agricultural Economics*. A study of the general economic principles as applied to the field of agriculture. Students will be required to make a study of the production, consumption, value, and the distribution of farm products. Lecture, three hours. Credit 3 hours.

AGRICULTURE 201. *Agricultural Entomology*. A study of the fundamentals of insect structure, biology and classification. Students will be required to collect and classify fifty of the insects common to agriculture. Lecture, two hours; laboratory, two hours. Credit 3 hours.

VI. GOVERNMENT AND CONTROL

Under the provision of legislation enacted by the 1956 General Assembly of Kentucky, the Control of Kentucky State College is vested in a Board of Regents. This Board is composed of the State Superintendent of Public Instruction, elected for a term of four years, six lay members, appointed by the Governor for overlapping four-year terms, one non-voting faculty representative and one non-voting student representative.

BOARD OF REGENTS

WENDELL P. BUTLER, Superintendent of Public Instruction,
Chairman

JOHN B. ASTLES, Covington
Term expires March 31, 1971

DR. VINCENT A. BARR, Frankfort
Term expires March 31, 1971

HENRY R. HEYBURN, Louisville
Term expires March 31, 1971

F. E. WHITNEY, Hopkinsville
Term Expires March 31, 1970

REV. HOMER E. NUTTER, Lexington
Term expires March 31, 1973

HENNING H. HILLIARD
Term expires March 31, 1972

GUS T. RIDGEL
Term expires March 31, 1971

Student Representative

The external government and control of the college is vested in the Board of Regents. The said Board shall adopt such rules and regulations for the government of the school and guidance of the employees as it may deem proper.

THE PRESIDENT OF THE COLLEGE

Immediate executive control of the college is effected through the president, the executive agent appointed by the Board. Subject to the control of the Board, he shall have general supervision of all educational and business affairs of the institution and of all disciplinary problems which may arise.

THE EXECUTIVE COUNCIL

The internal government of the institution is in the hands of the faculty who act through the Executive Council and Instructional Faculty.

The Executive Council is responsible for overall policy con-

sideration and for advice to the President on matters affecting the institution. The Council deliberates on matters that affect the general welfare of the faculty, staff and students; relationships with other institutions of higher education; and other pertinent questions as may be brought to the attention of the Council.

THE INSTRUCTIONAL FACULTY

The Instructional Faculty, consisting of the President, Dean of Instruction, Registrar, heads of departments, and teachers, is charged with the formulation and direction of general academic policies and practices of the college. On matters of a purely academic nature, the Instructional Faculty is the final internal source of authority.

ADMINISTRATION

Carl M. Hill, B.S., M.S., Ph.D., LL.D.	President
A. J. Richards, A.B., M.A., Ph.D.	Dean of Instruction
Eddie W. Morris, B.A., M.A., Ed.D.	Registrar
Frank D. Bean, B.A., M.A., Ed.D.	Director of Development
Herman Robinson, B.S.	Business Manager
Charles N. Rice, B.S., M.A.	Dean of Students
William H. Goodwin, A.B.	Director of Public Relations
	Alumni Affairs

ADMINISTRATIVE STAFF

OFFICE OF THE PRESIDENT

Carl M. Hill, Ph.D., LL.D.	President
William T. Simmons, Jr., B.S.	Executive Secretary
Robbie Z. Brice	Clerk

OFFICE OF THE DEAN OF INSTRUCTION

A. J. Richards, Ph.D.	Dean
Clara W. Smith, B.S.	Secretary

OFFICE OF THE REGISTRAR

Eddie W. Morris, Ed.D.	Registrar
Lyman R. Dale, M.A.	Assistant Registrar
Lynne E. Lee, B.S.	Office Assistant
Patricia H. Willis	Secretary of Admissions
Betty S. Goodlett	Secretary
Stacia B. Allen	Clerk
Teresa O. Jarrett	Clerk-Typist
Georgia A. Pittman	Clerk-Typist
Rita N. Robles, Certificate	Clerk-Typist

OFFICE OF DIRECTOR OF DEVELOPMENT

Frank D. Bean, Ed.D.	Director of Development
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Sherry Graham	Secretary
Edith M. Norton	Secretary

OFFICE OF THE BUSINESS MANAGER

Herman Robinson, B.S.	Business Manager
Harry C. Green	Budget Officer
Joe C. Newsome, B.S.	Secretary to Business Manager
Judi A. Goins	Clerk-Typist
Clara E. Hogan	Clerk-Typist
Deborah L. Hollis	Clerk-Typist
Flora D. Mitchell, Certificate	Clerk
Gwen D. Moody, Certificate	Bookkeeper
Phyllis A. Spellers	Clerk-Typist
Shirley A. Wesley, Certificate	Cashier
Joyce C. Williams	Switchboard Operator

OFFICE OF STUDENT PERSONNEL

Charles N. Rice, M.A.	Dean of Students
Frank E. Austin, B.A.	Associate in Student Personnel, Office of Career Planning and Placement
Margaret M. Bard, A.B.	Director, Kentucky Hall
Mollye K. Bradford, M.Ed.	Director, Hunter Hall
Mary S. Campbell, Certificate	Secretary, Career Planning and Placement
Lorine Collier	Assistant Director, Chandler Hall
Melvin Cunningham, B.S.	Assistant Director, and Counselor, New Men's Dormitory
Hattie Duncan, M.S.	Counselor
Hettie J. Ellis, A.B.	Director, Chandler Hall
John L. Everett, III, B.A.	Acting Director, Student Union
Evelyn P. Gaines	Assistant Director, Kentucky Hall
Odessa Green, A.B.	Dean of Women
Evelyn Hackett, R.N.	College Nurse
Johnny Ray Hill, M.A.	Acting Dean of Men
Peggy M. Lewis, B.S.	Secretary to Dean of Students
Robert C. Miller, B.A.	Acting Director, McCullin Hall
Ruthie U. Morris, Certificate	Secretary, Office of Student Personnel
Mary E. Oglesby	Director, Combs Hall
Lutitia Papailler, B.A.	Women's Hall Residence Supervisor
John Parks, M.D.	College Psychiatrist
O. M. Patrick, M.D.	College Physician (Part-time)
Larry Robinson, M.Ed.	Counselor, Atwood Hall
Jack D. Salisbury, D.M.D.	College Dentist (Part-time)
Elizabeth Samuels, R.N.	Head College Nurse

William S. Snyder, M.D. *Director of Health Service and College Physician (Part-time)*
Cleo Williams, Jr., B.A. *Director, Atwood Hall*
Willard Williamson, M.S. *Director & Counselor, New Men's Dormitory*

OFFICE OF PUBLIC RELATIONS AND ALUMNI AFFAIRS
William H. Goodwin, A.B. *Director of Public Relations and Alumni Affairs*
Edith M. Norton, Diploma *Secretary*

OFFICE OF COLLEGE CHAPLAIN
William W. Jones, M.S. *Chaplain*

LIBRARY

James R. O'Rourke, M.S.L.S. *Librarian*
Lillian T. Wright, M.S.L.S. *Assistant Librarian*
Eleanor L. Sweeten, M.S.L.S. *Assistant Librarian*
Margaret R. Baker, M.Ed. *Library Assistant*
Gloria W. Giles, B.A. *Library Assistant*
Cornelia W. Walker, M.Ed. *Library Assistant*
Bobbie B. Jordan, B.S. *Library Assistant*
Harriet W. Schramme *Library Technician*
Fulvia F. Greene, Certificate *Secretary to the Librarian*
Patricia McDowell, Certificate *Clerk-Typist*
Inetta Hudspeth *Clerk-Typist*
Sharon L. Reid *Clerk-Typist*

OFFICE OF MAINTENANCE AND OPERATION

Raymond W. Riedel *Director of Maintenance and Operation*
Charles G. Douthitt, B.S. *Superintendent of Physical Plant*
Henrietta M. Gill *Secretary, Department of Maintenance and Operation*
Mildred L. Porter *Clerk-Typist*

OFFICE OF DUPLICATION

Alma A. Richardson *Director of Duplication*
Katie C. Jones *Clerk*

COLLEGE BOOKSTORE

Anna C. Surratt, B.S. *Manager of College Bookstore*

OFFICE OF FINANCIAL AID

Borden, Paul P., B.S.C. *Director of Financial Aid*

Borden, Donna D. *Assistant to Director of Financial Aid*

OFFICE OF THE WAREHOUSE

Fulton Farmer *Manager of Warehouse*
Lora Kay Cammack *Secretary to Manager of Warehouse*

DEPARTMENTAL SECRETARIES

Jean C. Clark *Secretary to Biology, Chemistry, and Mathematics and Physics Departments*
Catherine L. Graham *Secretary to Education and Psychology Department*
Beatrice S. Hocker *Secretary to History and Political Science, and Sociology Departments*
Sharon B. Mosley *Secretary to Music Department*
Glenna M. Robinson *Secretary to Director of Student Teaching and Department of Industrial Arts*
Evelyn Roberts *Secretary to Director of Upward Bound*
Edna D. Tillis, B.A. *Secretary (Part-time) to Business-Economics Department*
Judith H. Ward *Secretary to English and Modern Foreign Language Departments*
Rebecca Crawford *Secretary to Director of Testing and Director of Nursing*
Bonnie Adams *Secretary to Home Economics and Physical Education Departments*

TECHNICIANS AND ASSISTANTS

Vickie R. Ackley, B.A. *Art Technician, Department of Education and Psychology*
Jimmie R. Mitchell, B.S. *Assistant, Curriculum Laboratory, Department of Education and Psychology*
James V. Oliver, B.S. *Technician and Assistant Basketball Coach, Department of Health and Physical Education*
John Smith, B.S. *Technician (Part-time), Area of Dramatics*

FACULTY

CARL M. HILL
B. S., Hampton Institute; M. S., Cornell University, Ph. D., Cornell University, LL.D., University of Kentucky, Kentucky State College, 1962—
President; Professor, Department of Chemistry

A. J. RICHARDS
A. B., State University of Iowa; A. M., State University of Iowa; Ph. D., State University of Iowa. Kentucky State College, 1929—
Dean of Instruction
Professor, Department of Modern Foreign Languages

LLOYD E. ALEXANDER

B. S., University of Michigan; M. S., University of Michigan; Ph. D., University of Rochester; Post-Doctoral Study, University of Wisconsin. Kentucky State College, 1949—

Professor and Head, Department of Biology

ARSENIO ALFARO

B. A., University of Nebraska; M. A., University of Nebraska; Ph. D., Columbia University. Kentucky State College, 1965—

Professor and Head, Department of Modern Foreign Languages

DAVID L. ANDERSON

B. S., Concord College; M. A., Marshall University; M. M., Indiana University. Kentucky State College, 1968—

Instructor, Department of Music

WILLIAM T. BARNES

B. S., Eastern Kentucky University; M. A., Eastern Kentucky University. Kentucky State College, 1968—

Instructor, Department of Industrial Arts

ROY A. BARRETT

B. S., A. and T. College of North Carolina; M. S., University of Massachusetts; Advanced Study, Cornell University. Kentucky State College, 1968—

Instructor, Department of Biology

CHARLES A. BATES

B.S., Alabama A & M College; M. A. in Education, University of Kentucky. Kentucky State College, 1963-66; 1967—

Assistant Professor, Department of Health and Physical Education; Head Football Coach

DANIEL J. BENTON

A. B., University of Iowa; M. A., University of Iowa; Advanced Study, University of Iowa. Kentucky State College, 1969—

Instructor, Department of Music

ROSAIRENE J. BLACK

A. B., Kentucky State College; M. A., Atlanta University; Advanced Study, University of Kentucky. Kentucky State College, 1958—

Assistant Professor, Rosenwald Laboratory School

HOMER BREWER, JR.

A.B. William Jewell College; B. D., Southern Baptist Theological Seminary; Th. M., Southern Baptist Theological Seminary; M. A., University of Kentucky. Kentucky State College, 1965—

(Part-time) Instructor of Philosophy

A. RUSSELL BROOKS

B. A., Morehouse College; M. A., University of Wisconsin; Advanced Study, University of Edinburgh; Ph.D., University of Wisconsin. Independent Research, Yale University Libraries and University of Kentucky Library.

Professor and Head, Department of English

VIRGINIA A. BROOKS

A. B., Talladega College; M. P. H., University of Michigan; M. A., New York University; Advanced Study, University of Kentucky. Kentucky State College, 1960—

Assistant Professor, Department of Health and Physical Education

JAMES B. BROWN

A. B., Lincoln University; A. M., Columbia University; Advanced Study, University of Chicago and Indiana University. Kentucky State College, 1948—

Associate Professor, Department of Chemistry; Director of Audio-Visual Services

HENRY D. CARPENTER, JR.

B. S., Hampton Institute; M. A., Teachers College, Columbia University; Ed. D., Teachers College, Columbia University. Kentucky State College, 1969—

Professor and Head, Department of Education and Psychology

HYLA D. CARTWRIGHT

B. A., Hiram College; M. S. in Education, Indiana University; Advanced Study, Indiana University. Kentucky State College, 1967—

Reading Specialist (Part-time), Department of English

ANTHONY P. J. CERNIGLIA

B. A., Queens College; M. A., New York University; M. A., University of California. Kentucky State College, 1968—

Instructor of Speech and Theatre, Department of English

C. ABRAHAM CHACKO

B. R. E., Spicer Memorial College, India; M. A., Philippine Union College, Manila; M. S., Indiana University; Ed. D., Indiana University. Kentucky State College, 1969—

Assistant Professor, Department of Education and Psychology

HENRY E. CHEANEY

A. B., Kentucky State College; A. M., University of Michigan; Ph. D., University of Chicago. Kentucky State College, 1936—

Professor, Department of History and Political Science

ORA MAE CHEANEY

B. S., Kentucky State College; M. S. in Education, Indiana University; Advanced Study, University of Kentucky and Iowa State University. Member of the American Dietetic Association. Kentucky State College, 1957—

Assistant Professor, Department of Home Economics

MARCELLUS T. COLTHARP

B. S., The University of Texas at Austin; Ph. D., The University of Texas at Austin; Post-Doctoral Study, The University of Texas at Austin. Kentucky State College, 1969—

Assistant Professor, Department of Chemistry

*HARDEV S. DHALIWAL

B. A., Mahendra College, India; B. S., Utah State University; M. S., Utah State University; Advanced Study, Oregon State University. Kentucky State College, 1968—

Assistant Professor, Department of Business and Economics

RUBY F. DIXON

B. S., Prairie View A. & M. College; M. A. in Education, University of Kentucky; Advanced Study, University of Kentucky. Kentucky State College, 1948—

Assistant Professor, Department of Music

WILLIAM L. DIXON

B. S., Morehouse College; M. S., Atlanta University; Special Study, University of Kansas and University of North Carolina, and Purdue University; Advanced Study, State University of Iowa, Kentucky State College, 1944—

Associate Professor, Department of Biology

HATTIE A. DUNCAN

B. S., Tennessee State University; M. S., Tennessee State University. Kentucky State College, 1969—

Instructor; Professional Counselor

GRACE B. EWEN

A. B., University of Kentucky; M. A. in Education, University of Kentucky; Advanced Study, University of Kentucky. Kentucky State College

Instructor, Department of Education and Psychology

HELEN C. EXUM

A. B., Talladega College; A. M., University of Michigan; Advanced Study, University of Wisconsin, University of Oklahoma, University of Kentucky, Indiana University, and Cité Universitaire, Paris, France. Kentucky State College, 1952—

Assistant Professor, Department of Modern Foreign Languages

WILLIAM EXUM

B.S., University of Wisconsin; M. S., University of Wisconsin; Ed. D., New York University. Kentucky State College, 1949—

Professor and Head, Department of Health and Physical Education, Director of Athletics

*On leave First Semester 1969-70

WILLIAM J. FLEMING

B. S., Central State College; M. A., Kent State University; Ph. D., Howard University. Kentucky State College, 1967—

Associate Professor, Department of Biology

JOSEPH G. FLETCHER

B. S., Hampton Institute; A. M., Cornell University; Advanced Study, Columbia University, Hampton Institute, and University of Kentucky. Kentucky State College, 1945—

Associate Professor, Department of English

WINONA LEE FLETCHER

A. B., Johnson C. Smith University; M. A., State University of Iowa; Ph.D., Indiana University. Kentucky State College, 1953—

Professor, Department of English and Director of Dramatic Arts

KENNETH D. GIBSON

B. S., Indiana University; M. S., Indiana University; Advanced Study, Indiana University, St. John's University, and Florida State University. Kentucky State College, 1967—

Assistant Professor, Department of Health and Physical Education; Head Track Coach

BROOKS GILES, JR.

B. S., Maryland State College; M. A., Ohio State University; Advanced Study, Ohio State University. Kentucky State College, 1958—

Assistant Professor, Department of Industrial Arts

GUY GENE GOODELL

B. A., Tennessee Temple College; M. A., University of Tennessee. Kentucky State College, 1969—

Instructor, Department of English

JAMES A. GRAVES

A. B., University of Kentucky; M. A., University of Kentucky; Ph. D., University of Kentucky. Kentucky State College, 1965—

Associate Professor, Department of History and Political Science; Director of Frankfort Semester Program

ARTHUR D. GRISSINGER

B. S., Shippensburg State College; M. S., The University of Kansas. Kentucky State College, 1969—

Instructor, Department of Mathematics and Physics

JAMES G. HARGETT

B. F. A., The Memphis Academy of Arts; M. F. S., The University of Mississippi. Kentucky State College, 1967—

Instructor of Art

LAWRENCE K. HARRIS

A. B., Eastern Kentucky University; M. M., University of Kentucky. Kentucky State College, 1968—

Assistant Professor, Department of Music

LEE CHARLES HARRIS

B. S., Kentucky State College; Diploma, Howard University School of Nursing; Special Study: Western Reserve University and Wayne State University; M. S., University of Kentucky. Kentucky State College, 1968—

Associate Professor and Associate Director of Nursing

ELIZABETH ANN HEARD

B. A., Rice University; M. A., University of Kentucky; Ph. D., University of Kentucky. Kentucky State College, 1967—

Associate Professor, Department of Mathematics and Physics

EMILIE S. HIGH

B. S., Tuskegee Institute; M. A., Ohio State University; Advanced Study, Ohio State University. Kentucky State College, 1954—

Associate Professor, Teacher-Trainer, and Acting Head, Department of Home Economics

ETTA JO HILL

B. A., Kentucky State College; M. A., Western Kentucky University. Kentucky State College, 1969—

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